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ANNUAL REPORT

OF THE

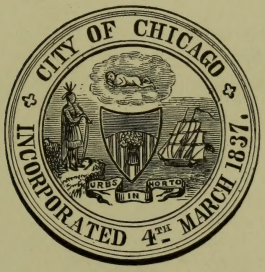
VARIOUS OFFICERS

OF THE

CITY OF CHICAGO,

FOR THE

Fiscal Year Ending Dec. 31st, 1884.



CHICAGO:
GEORGE K. HAZLITT & CO., PRINTERS, 172 AND 174 CLARK ST.
1885.

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1884

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MESSAGE

OF

Hon. Carter H. Harrison, Mayor,

TO THE

City Council of the City of Chicago.

MAYOR'S MESSAGE.

To the Honorable, the City Council of the City of Chicago.

GENTLEMEN—In completing my third and entering upon my fourth term as mayor, it affords me pleasure to convey to you assurances of the continued prosperity, excellent credit, and high standing of the municipality. It goes almost without saying that never in the history of Chicago has its administration been as fiercely assailed by partisan newspapers and politicians as during the past few months, but fortunately, the motives of these attacks have been divined by the thinking masses to such an extent that the effects have been to only temporarily injure the fair name of our city. The shafts, pointed and poisoned by selfish interests, fell harmless at the feet of a party conscious of right and fidelity to the interests of the people, and the outside world has come to recognize the fact that the citizens of Chicago can rise superior to petty malice, and renew their confidence in an administration whose policy has been persistently in the direction of honesty and economy. It has been remarkable that while the bitterest denunciations have been hurled at the head of the ad-

ministration, the partisan papers have been forced to concede great merit in the heads of each and every department of the city government. They have constantly spoken of one or another of these heads as performing their duties admirably, thus evincing their ignorance or forgetfulness of the fact that the Mayor performs few duties himself, but runs the city through his several appointees.

The people, however, have been able to read between the lines and to do justice. They recognize that the administration has been honest, painstaking and economical. But, as I said, the fair name of the city has been thoroughly established, and outside people who had been temporarily alarmed over newspaper reports of riots, mob violence and general lawlessness, have had their eyes opened to the utter groundlessness of these reports, and their faith renewed over the general peaceable character and disposition of our inhabitants. Nothing can better illustrate this renewed confidence than the report of the bank clearances of Chicago. These clearances are the thermometer of the commercial prosperity of the city, and, as we all know, nothing so affects business investments, enterprise and credit, as a widespread fear of general lawlessness. During the heat of the late municipal campaign, when political orators were inflaming the people with the most false assertions, the bank clearances for the week ending March 28 showed that there was in this city a decrease of 19.1 per cent. as compared with the corresponding week of the previous year, while for the week ending April 25, the clearances had increased 5.1 per cent.; or, to more pointedly indicate the variation in the commercial situation, while the clearances amounted to $33,771,000 for the week ending March 28, they rose to $43,525,-

000 for the week ending April 25, a gain of $9,454,000. So far as the financial credit of the city was involved in the contest, it remained intact. Financial men throughout the country have come to regard the management of the finances of the City of Chicago as one of the best among the cities of our land, and so long as our obligations are met as promptly in the future as in the past, no venomous assaults upon the administration can in the least effect the city's credit. The Comptroller has fully set forth in his annual report the operations of his department, and it will therefore be unnecessary for me to more than allude to it and refer you to its detailed statement of the city's finances. A reference to it will show that the debt *per capita* of this city is the least of any of the thirteen leading cities of the country, and that during the year ending Dec. 31, 1884, over fifty miles of buildings were erected at a cost of $20,689,000, or $3,189,000 more than that of the previous year.

The sanitary condition of the city will compare favorably with that of any other large city. The winter has been a long and very severe one, and there were necessarily large accumulations of garbage in some localities.

With the appropriation made by your honorable body the work of removing the accumulations has been and is being rapidly prosecuted under the Department of Health as well as the Department of Public Works. With these precautions there need be no apprehension of any general epidemic. The fact that the city shows a less annual death rate than any other city in proportion to population ought certainly make Chicagoans feel more secure than people in other metropolitan cities.

The creation of the department of tenement-house and workshop inspection a few years ago was a wise

measure, and the work performed by it has all tended to put these places in excellent sanitary condition. Overcrowding and defective ventilation have been obviated, and the wage-workers placed in less jeopardy of their health by a foul atmosphere. This character of work and inspection will continue to be pushed with increasing energy. It may be claimed to have been a Chicago invention, indeed, the invention of this administration. Proud of what has been done for the manual laborer, we hope to carry it onward to perfection.

The Police Department has been ably and energetically managed. The report of its superintendent shows that the police have rendered good service in the suppression of crime and lawlessness. The total number of arrests for the year ending December 31, 1884, was 39,434; in 1883, 37,187; in 1882, 32,800, and in 1881, 31,713. The total value of property reported stolen for the past year was $149,837; in 1883, $144,802; in 1882, $121,929; in 1881, $147,144. The value of property recovered in 1884 was $112,943; in 1883, $90,792; in 1882, $91,265; in 1881, $118,508. The patrol wagons, responded to 23,921 alarms, made 14,521 arrests, attended 1,188 fires, and traveled 56,087 miles. This system is being extended, and has proved itself a most valuable adjunct of the Police Department. In fact, if this administration had no other hold upon the popular estimation, the invention and perfection of the police-patrol system should entitle it to the gratitude of our people.

The Fire Department has also admirably looked after the property interests of our people The number of fires during the past year was 1,278; the valuation of the property involved amounted to $22,685,601; insurance involved, $12,048,683; estimated loss by fire,

$968,229; average loss by fire, $756; loss per capita of city's population, $150. The increase in the number of alarms attended over that of the previous year was 177. The department also attended to 37 alarms outside of the city limits. The result of the faithfulness and vigilance of the department has been to keep down the loss to a minimum, and a comparison with the returns of other cities will show that Chicago has a fire force unequaled by any in the world.

The Department of Public Works has rendered excellent and efficient service in carrying forward public improvement. Its work has covered a large territory where improvements have been needed by the constant increase of population, and the upbuilding of large vacant tracts of property and the future growth of the city will call for still further improvements, which the department, under your guidance and directions, will fully meet. But for the immediate future there are two things that seem to me to be essential to meet the wants of the people of the city and the needs of property-owners along the river. The first is the construction of two or three bridges across the river, leading to the west division, of similar width as the Rush street bridge, so as to admit of the rapid transit of vehicles and other conveyances from one side to the other. The double-width bridge between the north and south divisions has been of incalculable advantage to the intramural commerce of the city in that direction, and any one at all familiar with the immense traffic between the south and west divisions will at once recognize the pressing necessity for a like advantage for the people on the west side.

I trust your honorable body will take the necessary steps to carry out this greatly-needed improvement.

The other pressing need is the purchase or construction of a fire boat, to ply along the river in the emergency of a fire among buildings or other property contiguous to its sides. The necessity for such a boat has been frequently shown, but it was never more fully demonstrated than in the recent fire in the lumber district. The fire department did very effective work, but hampered as it was by approach to it from one side, it can readily be seen that had its work been supplemented with that of a fire-boat, the damage would have been greatly diminished. Most effective aid was rendered by one or two tugs during that destructive fire, and a good fire-boat would have prevented at least half such destruction. You can not now appropriate for such a boat, but I have suggested that the lumbermen advance a part of the money for a boat to be repaid them out of the next annual appropriation, and the Water Department could defray a part of the cost, for the boat could be used in winter for the protection of the crib, by keeping the ice in the river and harbor away from it. I would therefore recommend that your honorable body will act so as to give the desired protection to all the property owners along the river, and that you will empower the Commissioner of Public Works to secure a boat of the kind in question.

Under the Department at the close of the year 1878, or the commencement of the present administration, there were 651 miles of streets improved and unimproved within the corporate limits of the city. Of this number 132 miles were improved—practically 20 per cent. of the whole. At that time not more than 15 per cent. of the pavements were in a passable condition. The total number of miles of pavements laid each year from 1879 to 1884, inclusive, was as follows: 1879,

6.83 miles; 1880, 16.84 miles; 1881, 24.52 miles; 1882, 24.95 miles; 1883, 22.49 miles; 1884, 34.52 miles; total, 130.15 miles, average each year, 21.69 miles.

This statement does not include streets that have been curbed and filled, which might properly be considered as improvements. A very large portion of the streets improved prior to 1879 have been repaired during the past six years. At the close of the year 1884, there were 224 miles of improved streets within the city, or 34 per cent. of the whole, an increase in six years of 14 per cent., notwithstanding the large number of streets repaired, which does not increase the total mileage. The total number of miles of sewerage constructed in the city since the establishment of the sewerage system in 1856 up to and including the year 1878, a period of twenty-two years, is 294¾ miles. The total cost of these improvements, including catch-basins, etc., was $4,988,342.16, or $16,933.12 per mile. The number of miles of sewers constructed during the past six years was 119½, at a total cost, including catch-basins, etc., of $1,390,250.04, or $11,682.77 per mile, making a saving over former years in the cost of building sewers of $5,250 per mile. The total number of miles of sewer in use under the city at this date is 414 miles. Of this number 34.5 per cent. was built during the past six years, over one-third of the total number in place. Prior to 1879, the largest size sewer was 6⅓ feet, internal diameter. Since that time there have been constructed and in use a half-mile of seven foot, a half-mile of eight-foot, and two-and-a-half miles of nine-foot sewers.

The total number of miles of water pipe in use in the city for the year ending Dec. 31, 1884, was 543 in

round numbers, of which there was laid since 1878, 126 miles. Last year the new West Side pumping-engines were completed, at a cost of $351,236.97, which have a capacity of adding thirty million gallons to the water supply of the city daily, making the total capacity of the west division works 130,000,000 gallons a day. The canal pumping-works were practically completed in 1883 at a cost of $253,380.51, and have been in successful operation during 1884, with the result of giving clear water in the Chicago river. During the past year viaducts have been built at Center avenue and Sixteenth street, at a cost of $201,917.34; at Chicago avenue and North Halsted street, at a cost of $323,115.58; at West Twelfth street and Beach street, at a cost of $31,861.14; and at Erie street and the Northwestern railroad tracks, at a cost of $41,625.87—making a total cost of viaducts for 1883-'84 of $598,519.93. Two swing-bridges have been built, one at Ashland avenue, at a cost of $18,319, and the other at Rush street, at a cost of $130,000.

The number of miles of streets cleaned last year was 2,225. Last year I called your attention to the inconvenient nomenclature of our streets. Since then, the Postmaster of Chicago has notified you that great confusion arises from many streets having more or less near the same name, and asking that you take some action in the premises. I again repeat my recommendation that this entire question be carefully looked into. I suggest that North and South streets be called avenues; East and West, streets; diagonal ones, roads, short ones, places or courts, and that a new system of numbering be thoroughly perfected, so that any one would be able at once to locate, with approximate accuracy, any number to be sought. I suggest that you

pass a resolution directing the Department of Public Works at once to prepare some plan for a thorough perfection of some scientific system.

Probably it would be well to appoint a special committee to look into the matter in connection with the department.

In conclusion, gentlemen, allow me to thank you for your kind courtesies shown me, both in my capacity as your presiding officer and as the Mayor of the City; and with the incoming Council, I trust the relations may be as pleasant and cordial.

CARTER H. HARRISON,
Mayor.

Department of Finance.

TWENTY-EIGHTH

ANNUAL STATEMENT

OF THE

FINANCES OF THE CITY OF CHICAGO,

FROM JANUARY 1, 1884, TO DECEMBER 31, 1884.

CHICAGO:
GEO. K. HAZLITT & CO., PRINTERS, 172 AND 174 CLARK STREET.
1885.

LIST OF CITY OFFICERS.

JANUARY 1, 1885.

CARTER H. HARRISON, - - - *Mayor*
THEODORE T. GURNEY, - - - *Comptroller*
JOHN M. DUNPHY, - - - *City Treasurer*
JOHN G. NEUMEISTER, - - - *City Clerk*
DEWITT C. CREGIER, - *Com'r of Public Works*
SAMUEL G. ARTINGSTALL, - - *City Engineer*
F. S. WINSTON, JR., - - *Counsel to Corporation*
CLARENCE A. KNIGHT, - - - *City Attorney*
M. R. M. WALLACE, - - *Prosecuting Attorney*
AUSTIN J. DOYLE, - - *General Sup't of Police*
DENIS J. SWENIE, - - - *Fire Marshal*
J. P. BARRETT, - *Sup't Fire Alarm Telegraph*
FRENCH MOORE, M. D., - - *City Physician*
OSCAR C. DEWOLF, M. D., *Commissioner of Health*
WM. J. ONAHAN, - - - *City Collector*
ALEXANDER KIRKLAND, - *Sup't of Buildings*
H. J. JONES, - - - *Examiner of Subdivisions*

CITY COUNCIL.

First Ward.

W. P. WHELAN. - - - - ARTHUR DIXON.

Second Ward.

PATRICK SANDERS. - - - JAS. T. APPLETON.

Third Ward.

D. L. SHOREY. - - - FRANK H. FOLLANSBEE

Fourth Ward.

THOS. C. CLARKE. - - - O. D. WETHERELL.

Fifth Ward.

EDWARD P. BURKE. - - - HENRY F. SHERIDAN.

Sixth Ward.

EDWARD F. CULLERTON. - - C. F. L. DOERNER.

Seventh Ward.

JAS. H. HILDRETH. - - - JOHN RIORDAN.

Eighth Ward.

FRANK LAWLER. - - - - THOS. PURCELL.

Ninth Ward.

JOHN GAYNOR. - - - - - WM. F. MAHONEY.

Tenth Ward.

M. MCNURNEY. - - - - - JAMES WALSH.

Eleventh Ward.

THOS. N. BOND. - - - - - SAMUEL SIMONS.

Twelfth Ward.

J. L. CAMPBELL. - - - - - WALTER S. HULL.

Thirteenth Ward.

J. E. DALTON. - - - - - - JNO. W. LYKE.

Fourteenth Ward.

M. RYAN. - - - - - - - FRANK SCHACK.

Fifteenth Ward.

WM. YOUNG, JR. - - - - - WM. EISFELDT, JR.

Sixteenth Ward.

J. H. COLVIN. - - - - - - HENRY SEVERIN.

Seventeenth Ward.

JOHN SWEENEY. - - - - - A. J. SULLIVAN.

Eighteenth Ward.

JNO. T. NOYES. - - - - WM. R. MANIERRE.

INSPECTORS, HOUSE OF CORRECTION.

CARTER H. HARRISON, Mayor, - *Chairman.*

LOUIS WAHL, LUTHER LAFLIN MILLS,

Col. C. G. HAMMOND.*

CHARLES E. FELTON, - - *Superintendent.*

*DECEASED, April 15, 1884.

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Harry Rubens, - - -	*President*
Wm. B. Wickersham, - - -	*Secretary*
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EDWARD C. DELANO, - *First Assistant Superintendent*

J. C. BURROUGHS, - *Second Assistant Superintendent*

MATTHEW B. HICKS, - - - - *Business Agent*

M. J. DUNNE, - - - - - - - *Attorney*

CHARLES C. CHASE, - - - - *School Agent*

SHEPHERD JOHNSTON, - - - - *Clerk*

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COMPTROLLER'S REPORT

For the Year 1884.

COMPTROLLER'S REPORT.

DEPARTMENT OF FINANCE,
CHICAGO, FEBRUARY 15, 1885.

To the Honorable Edward Cullerton, T. N. Bond, Patrick Sanders, Frank Lawler, and J. T. Noyes, Members of the Finance Committee:

GENTLEMEN:

I herewith submit the Twenty-eighth Annual Report on Municipal Finances. It embraces the fiscal transactions of departments, from the 1st day of January, 1884, to and including the 31st day of December last.

It is a pleasure to say that heads of departments have been conservative in expenditures, and have exhibited a commendable disposition to conduct their affairs within the law, notwithstanding pressing demands upon their attention for disbursements that seemed of paramount importance to the general welfare. It is a further gratification to report, that these Officers have had the cordial co-operation of his Honor, the Mayor, together with the sympathy of Members of the City Council and citizens, who recognize the entire propriety of confining public outlays to the means at the disposal of the Muni-

cipality, rather than trenching upon funds that would be certain to impair the creditable financial standing that our city has attained. To preserve our good name in this regard, should be the supreme aim of legislation and administration; because taxable citizens are less disposed to contest taxation, if it can be demonstrated that their contributions to the City Treasury have been wisely and honestly disbursed. Aside from this, when the time arrives for renewing present loans, or asking additional credits, the continued integrity of our administrations will find our city standing upon an equality with the most favored of Municipal Governments.

The revenues for corporate purposes, for the present fiscal year, are as follows:

From 2 per cent. upon a valuation of $137,326,980	$2,746,539 60	
Less 4 per cent. for non-collection of taxes	127,651 12	
		$2,618,888 48
Estimated from saloon licenses, founded upon receipts for the last year, and up to and including the 24th day of January of the present year	$1,546,937 00	
Less for rebates $20,000, and to be paid to Washingtonian Home $20,000	40,000 00	
		$1,506,937 00
From miscellaneous sources, rents and general licenses		264,341 00
From general fund		126,342 00
Total resources for municipal purposes		$4,516,508 48

To which will be added, when appropriated, tax levies for public schools, interest, etc., not included in levies for corporate grants.

For the information of citizens, touching resources for previous years, the following tables are submitted:

FOR 1879.

Saloon licenses	$ 163,540 00	
Miscellaneous receipts	93,997 00	
General fund, savings	154,463 00	
Tax levy for Corporate expenditures, upon a valuation of $117,970,035	2,335,729 05	
For corporate purposes	$2,747,729 05	
To which is added:		
School fund	726,835 14	
Library fund	39,000 00	
Interest upon public debt	675,320 00	
Total for the year		$4,188,884 19

FOR 1880.

Saloon licenses	168,746 00	
Miscellaneous receipts	162,896 00	
General fund, from savings	396,367 00	
Tax levy for corporate expenditures upon a valuation of $117,133,643	$2,292,975 04	
For corporate purposes	$3,020,984 04	
To which is added:		
School fund	887,901 44	
Library fund	42,927 50	
Interest on Public debt	675,323 00	
Total for the year		$4,627,135 98

FOR 1881.

Saloon licenses	$ 182,226 00	
Miscellaneous receipts	173,026 00	
General fund, from savings	494,748 00	
Tax levy for corporate expenditures upon a valuation of $119,151,951	2,333,400 04	
For corporate purposes	$3,183,400 04	
To which is added:		
School fund	1,146,274 56	
Library fund	49,415 00	
Interest on public debt	607,518 78	
Total for the year		$4,986,608 38

FOR 1882.

Saloon licenses	175,941 00	
Miscellaneous receipts	185,125 00	
General fund, from savings	420,934 00	
Tax levy for corporate expenditures upon a valuation of $125,358,537	2,380,918 66	
For corporate purposes	$3,162,918 66	
To which is added:		
School fund	1,191,928 60	
Library fund	50,000 00	
Interest on public debt	604,555 72	
Total for the year		$5,009,402 98

FOR 1883.

Saloon licenses	385,964 00	
Miscellaneous receipts	214,036 00	
Tax levy for corporate expenditures upon a valuation of $133,230,504	2,498,550 20	
	$3,098,550 20	
To which is added:		
School fund	1,375,437 15	
Library fund	59,000 00	
Interest on public debt	607,518 78	
Total for the year		$5,140,506 13

FOR 1884.		
Saloon licenses	$1,000,000 00	
Miscellaneous receipts	241,000 00	
Tax levy for corporate expenditures upon a valuation of $137,326,980	2,664,322 40	
	$3,905,322 40	
To which is added:		
School fund	1,532,515 40	
Library fund	68,100 00	
Interest upon public debt	607,518 80	
Total for the year		$6,113,456 60
*Total net receipts from saloon licenses for the past year, up to and including January 24, 1885	$1,506,937 00	

From which was returned to General Fund for appropriations to complete City Hall, to Police Department, Sewers and Bridges, $380,595; leaving a balance of $126,342, that has been given to appropriations for the current year.

It will be observed, that there has not been an increase in valuations for the years mentioned, that remotely approximates the increase of our population and wealth. To fix this matter on the minds of citizens, who may wish to bring the subject to the attention of our State Legislature, now in session, a quotation is given from our report of last year:

"In this connection, attention is once more directed to differences in valuations between this city and other

communities. Populations are taken from the census of 1880, and valuations for 1883:

	Population.	Valuations, 1883.	Per Capita.
New York	1,206,590	$1,276,677,00	$1,058 10
Boston	362,535	682,369,000	1,882 20
Philadelphia	846,984	583,612,000	689 00
Buffalo	155,137	101,963,000	659 20
Baltimore	332,190	248,803,000	749 30
Pittsburgh	156,381	118,306,000	756 60
Cincinnati	255,708	169,925,000	664 60
Milwaukee	115,578	70,787,000	612 50
Chicago	503,298	133,230,000	264 70

"This subject has been frequently alluded to, because of the well-known fact that small property-owners, outlying and unimproved property, contribute to the city treasury the maximum of taxation, while corporations, valuable real estate elegantly improved, pay but a minimum.

"It is quite true that municipal legislation is powerless to rectify wrongs that bear with severity upon those least able to pay assessments; but, it has always been the opinion of this department, that if the facts touching this matter were brought to the attention of the people by those who represent them, that citizens would soon demand and obtain relief from burdens unjustly imposed.

"To more clearly illustrate our conclusions: Prior to the year 1874, municipalities controlled their financial needs. During that year the law was changed, taking

from their hands assessments and collections of taxes and placing them in the hands of counties. From that date the strife commenced between them as to who should pay the least State taxation, resulting in this city as follows:

			South Division.		West Division.		North Division.		Total Valuation.	Tax Levy for corporate purposes not including schools and interest.	Bonded Indebtedness.
			Valuation Real Estate	Valuation Personal Property.	Valuation Real Estate	Valuation Personal Property.	Valuation Real Estate	Valuation Personal Property.			
1872	City	367,396	114,273,540	27,434,340	95,768,880	15,507,710	29,112,470	2,100,490	284,197,420	3,142,232 70	13,544,000
1873	----	--------	126,669,660	35,660,415	102,827,480	10,951,660	33,472,680	2,491,100	312,072,995	4,047,118 96	13,478,000
1874	City	395,408	123,366,620	33,398,290	100,843,230	9,294,100	34,339,460	2,463,440	303,705,140	4,291,337 54	13,456,000
1875	----	--------	63,041,441	33,217,059	48,366,069	9,384,216	16,493,465	3,261,996	173,764,246	3,634,006 86	13,457,000
1876	City	407,661	63,274,310	26,172,921	49,914,387	7,575,482	18,033,763	3,067,315	168,037,178	2,980,928 86	13,436,000
1877	----	-------	55,453,480	23,321,738	44,199,520	6,722,270	16,429,533	2,273,615	148,400,148	2,943,623 99	13,364,000
1878	City	436,731	49,485,276	19,672,590	38,654,273	6,121,204	16,280,504	1,767,581	131,981,436	2,552,581 36	13,057,000
1879	----	-------	40,792,201	17,733,478	35,983,012	6,918,693	14,377,016	2,165,635	117,970,035	2,374,729 75	13,043,000
1880	U.S.	503,298	41,666,451	19,500,025	34,871,482	6,658,841	12,494,022	1,942,822	117,133,643	2,335,902 54	12,752,000
1881	- --	--------	41,900,456	19,283,962	35,410,247	5,262,552	12,788,342	1,693,887	119,151,951	2,335,400 04	12,752,000
1882	City	560,693	45,502,908	20,002,445	35,863,654	7,452,908	14,513,438	2,023,184	125,358,537	2,380,919 11	12,752,000
1883	----	--------	50,097,793	21,477,626	36,986,133	8,163,172	14,512,861	1,992,919	133,230,504	2,499,050 20	12,751,500
1884	City	629,985	52,179,743	21,613,365	38,594,383	8,055,180	14,832,441	2,051,492	137,326,980	2,664,322 40	12,751,500

"It will thus be seen from the foregoing, that in May, 1872, but a few months after the fire of 1871, and after two hundred millions worth of property had been destroyed by the conflagration, valuations reached the sum of $284,000,000. Ten years thereafter, however, with a doubled population (and consequent increase of values), and a replacement of property destroyed largely more valuable than that burned, valuations fell to the insignificant sum of $125,358,537, reaching lowest limits in 1880—$117,133,643.

"The result of the legislation of 1874, and the limitations imposed by the act of 1879, confining taxation for municipal purposes to two per cent. upon valuations, so crippled the ability of the city to meet reasonable demands, that an unsuccessful effort was made, in 1880, to establish a system of licenses that should include commerce and the professions, the object of the framers of the bill being to relieve visible property of unreasonable demands by the tax collector.

"The result of this failure has been to perpetuate unequal taxation. It is the well settled conviction of this department that present limits to taxation referred to by the Legislature of 1879, and the restrictions to public liabilities by the constitution, are healthy restraints upon ambition on the one hand, and criminal extravagance upon the other; but when revenue laws are so framed that an assessor is practically justified in

consulting the interests of corporations and expensive private enterprises, by valuations that do not have remote relations to the amount of property involved, the people will remain in this unequal relation to taxation, just so long as they select representatives whose interests overshadow the welfare of their constituents."

The following tables are supplementary to the Exhibit found in the foregoing quotation:

	Estimated Population, 1884.	Valuation, 1884.	Valuation, per Capita.
New York	1,356,958	1,338,298,343	986 24
Philadelphia	865,000	583,612,683	674 69
Chicago	630,000	137,326,980	217 97
Brooklyn	644,526	317,853,850	493 15
Boston	396,364	682,648,000	1,722 27
St. Louis	400,000	211,480,710	528 70
Baltimore	408,520	249,651,699	611 11
Cincinnati	300,000	169,925,286	566 40
Pittsburgh	180,000	106,850,162	593 61
Buffalo	228,197	104,800,190	469 54
Newark	155,000	90,981,550	586 97
Milwaukee	150,000	74,951,750	499 67
Minneapolis	115,000	74,310,711	646 17

	Population.		Total Valuation.	Total Taxation.	Total Debt.	Tax per Capita.	Debt per Capita.
	Census of 1880.	Estimat'd Jan'y 1, 1885.					
New York	1,206,299	1,356,958	$1,338,298,343	$29,991,172 85	$129,229,963 00	$22 10	$95 23
Philadelphia	847,170	865,000	583,612,683	10,796,834 93	64,131,362 07	12 48	74 12
Chicago	503,185	630,000	137,326,980	4,872,456 60	12,751,500 00	7 73	20 24
Brooklyn	566,663	644,526	317,853,850	8,373,198 73	45,277,237 00	12 99	70 25
Boston	362,839	396,365	682,648,000	11,288,369 00	43,185,669 00	28 48	108 95
St. Louis	350,518	400,000	211,480,710	3,440,233 00	22,417,000 00	8 60	56 04
Baltimore	332,313	408,520	249,651,699	3,994,427 18	37,543,591 00	9 77	91 90
Cincinnati	255,179	300,000	169,925,286	2,718,804 57	23,905,207 00	9 06	79 68
Pittsburg	156,389	180,000	106,850,162	1,709,602 51	13,403,500 00	9 49	74 44
Buffalo	155,134	223,197	104,800,190	1,723,963 09	7,860,485 00	7 72	35 22
Newark	136,508	155,000	90,981,550	1,850,469 18	11,269,000 00	11 94	72 70
Milwaukee	115,587	150,000	74,951,750	1,521,524 43	2,596,500 00	10 14	17 31
Minneapolis	46,887	115,000	74,310,711	1,322,730 66	2,461,000 00	11 52	21 40

Note—Population for 1885, are the results of inquiries, and that of Chicago from School Census of May, 1884.

The following figures show a Comparative Statement of the number of Buildings and Street frontage erected in Chicago, and their estimated value, for the years 1877 to 1884 inclusive, as shown by the records of the Building Department:

Year.	No. of Buildings.	No. of feet Frontage.	Cost.
1877	1,389	35,033	$ 6,922,649
1878	1,019	31,118	6,605,200
1879	1,093	33,361	6,139,580
1880	1,342	42,603	8,206,550
1881	1,738	56,627	13,467,000
1882	3,113	73,161	15,842,800
1883	4,086	85,588	17,500,000
1884	4,169	98,782	20,689,000

Very Respectfully,

Theodore T. Gurney

City Comptroller.

ABSTRACT

OF THE

RECEIPTS OF THE CITY OF CHICAGO

For the Fiscal Year ending December 31, 1884.

Balance in the City Treasury January 1, 1884.	$ 1,185,859 00
Burr Fund	4,560 00
Building Inspection Department	19,904 05
Cost of Tax Sales	111 36
Clerks Police Courts	29,495 05
City Markets	1,727 40
Department Public Works	339,117 59
Delinquent Personal Property Tax	112 34
Fire Department Fund	2,649 14
Fire Insurance Premium Tax	27,213 68
Fees	643 00
General Fund	61,181 53
Health Department Fund	166 00
House of Correction	60,769 94
Interest on Wharfing Privileges	2,143 49
Licenses	1,664,838 66
Police and Firemens' Relief Fund	629 27
Police, Life and Health Insurance Fund	340 00
Police Fund	525 26
Pounds	340 00
Public Library Fund	3,776 79

Rents	27,014 25
Refunding Loan Account	458,000 00
River Improvement Sinking Fund	500 00
Sewerage Sinking Fund	500 00
Sewerage Fund	31,073 19
Sewerage Tax Fund	48,470 27
School Fund	874,581 27
School Tax Fund	92,835 60
Special Assessments	2,606,121 16
Street Lamp Fund	76 00
Suspense Account	1,543 85
Taxes	4,471,610 45
Water Fund	1,288,941 26
Warrants Outstanding December 31, 1884	56,398 74
Total	$13,363,769 59

ABSTRACT

OF THE

EXPENDITURES OF CITY OF CHICAGO

For the Fiscal Year ending December 31, 1884.

Warrants Outstanding January 1, 1884	$ 44,984 67
Burr Fund	5,720 71
Building Inspection Department	19,494 05
Cost of Tax Sales	255 78
City Markets	1,333 25
Contingent Fund	12,905 08
City Hall Fund	246,425 70
City Cemetery	103 68
Cost Collecting City Taxes	81,785 69
Department Public Works	1,387,873 80
Errors in Tax Warrants	24 60
Erring Womans' Refuge for Reform	793 00
Election Expense	5,270 08
Fire Department Fund	662,957 46
General Fund	5,065 51
Health Department Fund	206,099 25
House of Good Shepherd	793 00
House of Correction	60,684 78
Interest Account	570,709 92
Judgment Account	33,027 08
Legal Expense	11,362 04
Licenses	17,282 20

Police and Firemens' Relief Fund	20,878 61
Police, Life and Health Insurance Fund	131 60
Police Fund	779,721 45
Police Courts	691 26
Pounds	1,280 62
Printing and Stationery	8,343 64
Public Library Fund	52,839 86
Refunding Loan Account	458,000 00
Special Assessment and Deposit Fund	2,630,425 33
School Fund	879,391 54
School Tax Fund	1,352,826 56
Sewerage Fund	128,553 99
Sewerage Tax Fund	311,338 62
Salaries	93,623 19
Special Assessment on City Property	1,824 45
Street Lamp Fund	521,654 67
Suspense Account	207 15
Washingtonian Home	20,000 00
Water Fund	1,152,044 26
Balance in City Treasury December 31, 1884	1,575,041 46
Total	$13,363,769 59

GENERAL STATEMENT.

Building Inspection Dept.

	Expenditures.	Receipts.		
From Superintendent of Buildings:				
For Building Permits		$19,204 05		
For Elevator Inspection		700 00		
				$19,904 05
Paid salary of Superintendent	$2,750 00			
Paid salary of Secretary	1,500 00			
Paid salaries of Clerks	2,400 00			
Paid salaries of Inspectors	10,800 00			
Paid for Horsekeeping	1,799 40			
Paid for Printing, Stationery, Blanks, etc	244 65			
			$19,494 05	
Transferred to General Fund, 1884			410 00	
			$19,904 05	$19,904 05

Jonathan Burr Fund—School Account.

Balance to the credit of this Fund Jan. 1, 1884				$265 30
From Interest on County and City Bonds, held as investment by this Fund		1,160 00		1,160 00
Paid miscellaneous bills audited by Board of Education	1,082 46		1,082 46	
Balance to the credit of this Fund December 31, 1884			342 84	
			$1,425 30	$1,425 30

Jonathan Burr Fund—Fuel Account.

Balance to the credit of this Fund Jan. 1, 1884				$13,925 75
From Interest on County and City Bonds held as an investment by this Fund		8,400 00		
				3,400 00
Paid for fuel delivered to indigent persons, as per order of City Council, Feb. 19, 1883	4,638 25			
			4,638 25	
Balance to the credit of this Fund Dec. 31, 1884			12,687 50	
			$17,325 75	$17,325 75

City Cemetery, 1884.

Appropriation Mch. 31, 1884			$512 50
Paid to Lot Owners	$103 68		
		103 68	
Transferred to General Fund, 1884		408 82	
		$512 50	$512 50

City Hall Fund, 1883.

Transferred from General Fund, 1883			$34,440 48
Proportion of Uncollected Taxes, 1883		$592 25	
Transferred to City Hall Fund, 1884		33,848 23	
		$34,440 48	$34,440 48

City Hall Fund, 1884.

Appropriation Mch. 31, 1884		$153,750 00
Transferred from General Fund, 1884		87,010 43
Transferred from School Tax Fund, 1884		36,000 00

Transferred from City Hall Fund, 1883				33,848 23
Paid to Contractors as follows:				
Wm. Swissler	$14,114 00			
Jno. Davis & Co.	12,500 00			
Manning & Phillips	1,407 50			
Angus & Gindele	667 97			
Alex. Watson	4,284 00			
Burlington Manuf. Co.	48,450 00			
Smith & Crump	19,763 65			
A. E. Fortin	13,000 00			
Cudell & Meissner	62,475 00			
M. Taylor	8,030 00			
Kellogg, Johnson & Bliss	6,213 40			
Deibold Safe and Lock Co.	3,831 00			
Phœnix Furniture Co.	6,872 00			
Corboy Wingrave Mfg. Co.	1,145 00			
E. Sweeney	5,950 00			
Paid Labor rolls, fuel and miscellaneous expenses	37,722 10			
			$246,425 70	
Balance to Credit of this Fund December 31, 1884			64,182 96	
			$310,608 66	$310,608 66

City Markets, 1884.

From H. Schroeder, Supt., for fees		$1,727 40		1,727 40
Paid salary of Superintendent	$945 00			
Paid for cleaning	388 25			
			$1,333 25	
Transferred to General Fund, 1884			394 15	
			$1,727 40	$1,727 40

Contingent Fund.

Appropriation Mch. 31, 1884		$51,250 00
Paid E. Stephens for injuries from fall on sidewalk	$50 00	
Paid A. A. King for injuries from fall on sidewalk	18 00	

Paid Mrs. M. Donnovan for injuries from fall on sidewalk	150 00
Paid Eveline M. Leckie for injuries from fall on sidewalk	150 00
Paid Mrs. Mary Byrn for injuries from fall on sidewalk	75 00
Paid Margaret Blaney for injuries from fall on sidewalk	350 00
Paid A. M. Streeter injuries sustained at Adams St. Bridge	25 00
Paid Amelia Carroll for injuries from fall on sidewalk	175 00
Paid L. L. Ernst for injuries sustained in Fire Dept.	400 00
Paid Mary Terrill for injuries from fall on sidewalk	100 00
Paid Mary Brennan for injuries from fall on sidewalk	75 00
Paid Wm. Halpin for injuries from fall on sidewalk	150 00
Paid Abraham Sacks for injuries from fall on sidewalk	10 00
Paid Battery D for firing salute on Fourth of July	100 00
Paid Margaret Nolan for injuries from fall on sidewalk	500 00
Paid F. A. Menge for land at Fuller St. Bridge	750 00
Paid Lena Anderson for injuries from fall on sidewalk	150 00
Paid for safe in C. Treas. office	265 50
Paid Mary E. Kraft for injuries from fall on sidewalk	25 00

Paid Eline Albert for death of her husband in Fire Dept	$ 600 00	
Paid Catharine Milligan for injuries from fall on sidewalk	175 00	
Paid B. McNeil damages to horses and carriage	100 00	
Paid Rosa Clark for damage to mule	100 00	
Paid E. C. Brennan for loss of horse	100 00	
Paid Neal Girard for loss of horse	75 00	
Paid Jno. Irwin injuries sustained by fire supply wagon and Street Car	100 00	
Paid Mrs. E. J. Baker for injuries from fall on sidewalk	300 00	
Paid G. M. Haynes for expenses to Washington, D. C., and back	100 00	
Paid for Notarial Services	100 00	
Paid W. M. Egan Insurance on Old City Hall	375 00	
Paid for extra service in City Clerk's office	1,863 16	
Paid for extra service in City Collector's office	806 50	
Paid for extra service in City Treasurer's office	75 00	
Paid for keeping City Horse	651 00	
Paid for postage stamps	660 00	
Paid for premium on N. Y. Exchange	292 70	
Paid for making index of dog tax	200 00	
Paid for extra service in Street Dept	375 00	
Paid for Aldermanic funerals and miscellaneous expenses	2,122 13	
Paid for Daily Papers	216 09	
		$12,905 08
Transferred to Department of Public Works, 1884		32,000 00

Balance to the credit of this fund Dec. 31, 1884			$ 6,344 92	
			$51,250 00	$51,250 00

Cost of Tax Sales.

Transferred from General Fund, 1884				$148 69
Received from redemptions made in Comptroller's office for certificates and premiums, as follows:				
From Tax Deeds		$109 85		
From Tax Purchases, 1874		37		
From Tax Purchases, 1875		74		
From Tax Purchases, 1879		40		
				111 36
Paid County Treasurer cost on annulled assessments, etc	255 78			
			$255 78	
Transferred to special assessments			4 27	
			$260 05	$260 05

Cost of Collecting City Taxes, 1884.

Appropriation, Mar. 31, 1884			$70,725 00
Transferred from General Fund, 1884			11,060 69
Paid commission to So'th Town Collector	$16,451 52		
Paid commission to West Town Collector	9,502 48		
Paid commissions to N. Town Collector	4,766 42		

Paid W. C. Seipp, county collector, one per cent. on City Taxes of 1883, and prior years, and special assessments collected by him during the year 1884	$50,168 12		
Paid for clerical services.	600 00		
Paid Legal Service and Expense in Stewart Case	297 15		
		$81,785 69	
		$81,785 69	$81,785 69

Delinquent Personal Property Tax.

Received from County Collector	$ 112 34		
			$ 112 34
Transferred to General Fund, 1884		$ 112 34	
		$ 112 34	$ 112 34

Department of Public Works, Appropriation Fund, 1883.

Balance to the credit of this Fund, Jan. 1, 1884.			$383,092 95
Paid for Street Improvements	$162,164 80		
		$162,164 80	
Proportion of Uncollected Taxes of 1883		12,423 00	
Transferred to Department Public Works, 1884		177,191 91	
Transferred to General Fund, 1884		31,313 24	
		$383,092 95	$383,092 95

Department of Public Works, Appropriation Fund, 1884.

Appropriation, Mar. 31, 1884		$640,995 60
Transferred from General Fund, 1884, in accordance with Appropriation Ordinance		493,000 00
Transferred from Department Public W'ks, 1883		177,191 91
Transferred from Street Lamp Fund, 1884		18,293 11
Transferred from General Fund, 1884		5,000 00
Transferred from contingent Fund		32,000 00
From Special Assessments for cost of engineering, etc.	$52,756 17	
From City Comptroller for public benefits	39,801 45	
From House moving permits	3,630 00	
From Sundry persons for damages to bridges	2,296 68	
From Sundry persons for repairing	27,246 56	
From advances made by R. Stewart	5,000 00	
From miscellan'us items.	665 58	
From Railway Companies for following viaducts:		
Chicago Avenue Viaduct.	135,747 03	
Centre Avenue Viaduct.	47,667 28	
West 12th Street Viaduct	24,306 84	
		339,117 59
Paid for cleaning and Repairing Streets	$217,896 58	
Paid for Street Improvements	16,991 21	

Paid for La Salle Street Tunnel	$5,167 86	
Paid for Washington Street Tunnel	2,066 60	
Paid for advances refunded	4,500 00	
Paid for Chicago Harbor	7,431 56	
Paid for Bridge and Viaduct repairs	63,639 26	
Paid for Bridge Tenders' Salaries	52,738 88	
Paid for Canal Pumping Works. (Construction).	1,280 89	
Paid for Canal Pumping Works (Operating, etc.,	32,587 48	
Paid for cost, special assessments	50,150 94	
Paid for sidewalks	2,040 70	
Paid for Public Parks	12,879 94	
Paid for House-moving Permits	1,970 75	
Paid for Street Lamps	18,363 43	
Paid for Fullerton Ave. Conduit	20,246 63	
Paid for Public Buildings	15,206 28	
Paid for Rush Street Bridge	137,658 38	
Paid for Erie Street Viaduct	2,856 51	
Paid for Chicago Avenue Viaduct	299,482 50	
Paid for Centre Avenue Viaduct	179,216 44	
Paid for West 12th Street Viaduct	31,861 14	
Paid for Salaries and Office Expenses	49,475 04	
		$1,223,709 00
Balance to the credit of this fund, Decemb'r 31, 1884		479,889 21
		$1,705,598 21 $1,705,598 21

Election Expense, 1884.

Appropriation, Mar. 31, 1884			$ 5,330 00
Paid Judges and Clerks of Election, 1884	$ 4,158 00		
Paid Rent of Polling places	770 00		
Paid for Printing, advertising, etc	342 08		
		$ 5,270 08	
Transferred to General Fund, 1884		59 92	
		$5,330 00	$ 5,330 00

Errors in Tax Warrants.

Paid Errors and abatements in tax warrants, as follows:			
Taxes of 1882	$ 26 40		
		$ 26 40	

Fees.

From City Clerk	$ 629 25		
From City Comptroller	13 75		
			$ 643 00
Transferred to General Fund, 1884		$ 643 00	
		$ 643 00	$ 643 00

Fines.

From South Division Police Court	$11,360 50		
From West Division Police Court	9,004 05		
From South-West Division Police Court	4,783 00		
From North Division Police Court	4,347 50		
			$ 29,495 05
Transferred to Erring Womens' Refuge		$ 793 00	

Transferred to House of Good Shepherd		$ 793 00	
Transferred to Police and Firemen's Relief Fund		574 00	
Transferred to General Fund, 1884		27,335 05	
		$29,495 05	$ 29,495 05

Fire Insurance Premium Tax.

From sundry Fire Insurance Companies for two per cent. tax on their net receipts in accordance with section 110, City Charter	$ 27,213 68		$ 27,213 68
Transferred to Police and Firemens' Relief Fund		$ 13,606 84	
Transferred to General Fund, 1884		13,606 84	
		$ 27,213 68	$ 27,213 68

Fire Department Fund, 1883.

Balance to the Credit of this Fund, Jan'y 1, '84.			$ 37,101 67
Paid for Purchase of Lot	$ 5,000 00	$ 5,000 00	
Proportion of Uncollected Taxes, 1883		9,916 88	
Transferred to Fire Department Fund, 1884		22,184 79	
		$ 37,101 67	$ 37,101 67

Fire Department Fund, 1884.

Appropriation March 31, 1884			$ 358,275 70
Transferred from General Fund in accordance with appropriation Ordinance			280,000 00

Transferred from Fire Department Fund, '83.				$22,184 79
Transferred from General Fund, 1884				10,000 00
From Inspection of Electric Lights		$ 1,332 50		
From sale of old Horses, hose and couplings, &c.		1,291 44		
From Warrants Deposited back		25 20		2,649 14
Paid for Salaries	$454,107 75			
Paid for Repairs to Apparatus and New Material	23,906 43			
Paid for Miscellaneous Repairs	7,953 76			
Paid for Miscellaneous Supplies	71,110 73			
Paid for Rent	449 28			
Paid for Fire Alarm Telegraph	39,829 43			
Paid for New Apparatus and New Buildings	60,600 08			
			$ 657,957 46	
Balance to the Credit of fund, Dec. 31, 1884			15,152 17	
			$ 673,109 63	$ 673,109 63

General Fund, 1883.

Balance to the Credit of this Fund Jan'y 1, '84				$ 1,183,581 57
Proportion of Uncollected Taxes, 1883			$ 3,297 30	
Transferred to General Fund, 1884			1,180,284 27	
			$1,183,581 57	$1,183,581 57

General Fund 1884.

Transferred from General Fund, 1883				$ 1,180,284 27
From Court Costs and forfeited Bonds		$ 474 05		

From Appealed Taxes	$ 280 00	
From Discount on N. Y. Exchange	5 70	
From Land Damages	7,038 34	
From Wharf'g Privilege	800 00	
From cleaning Lake Front, ac't Circus	80 63	
From Warrants Deposited back	1,291 37	
From Special Assessments	20,491 02	
From City Comptroller	30,720 42	
		$ 61,181 53
Transferred from following funds in accordance with ordinance of Common Council, passed March 1, 1880.		
Sewerage Fund, 1883		553 84
Dep't Public Works, 1883		31,313 24
Street Lamp Fund, 1883		24,682 84
Health Dept. Fund, 1883		712 51
Interest Account, 1883		15,905 04
Judgment Account, 1883.		2,425 97
Transferred from following Accounts:		
Errors in Tax Warrants		34,242 65
Suspense Account		1,336 70
General Tax Fund, 1869.		251 25
General Tax Fund, 1870.		279 75
General Tax Fund, 1871.		264 55
General Tax Fund, 1872.		636 54
Forfeitures of 1873-74		3 75
Forfeitures of 1883		334 07
Clerks Police Court		27,335 05
Fire Insurance Premium Tax		13,606 84
Fees		643 00
Interest on Wharfing Privilege, Mortgages.		2,143 49
City Markets		394 15
Rents		27,014 25
Delinquent Personal Property Tax		112 34
City Cemetery		408 82
Election Expenses		59 93

Special Assessment on City Property			$ 225 55
Police Courts			333 74
Salaries			3,811 81
Pounds			494 38
Printing and Stationery			1,906 36
Building Inspection Department			410 00
Licenses			1,621,487 96
Paid on ac't Saloon Licenses	$ 99 00		
Paid Premium on N. Y. Exchange	63 84		
Paid ac't Personal Redemption	100 50		
Paid F. Ludwig on ac't City Market, 1883	337 00		
Paid for Clerical Service	200 00		
Paid Dredging	463 25		
Paid C. Uberlie rebate on Assessment	72 38		
Paid J. Clowry rebate on Assessment	146 54		
Paid for Building Dock	357 00		
Paid Refunded Fines	226 00		
Paid J. Kost damage ac't Polk St. Viaduct	3,000 00		
		$5,065 51	
Transferred to following Funds in accordance with Appropriation Ordinance:			
Salaries, 1884		55,000 00	
Dep't Public Works, '84		493,000 00	
Fire Department, 1884		280 000 00	
Police Fund, 1884		343,000 00	
Health Dep't Fund, '84		70,000 00	
Transferred to Sinking Fund:			
Interest for the Years 1881, 1882, 1883 and '84 for advance payment of interest on bonded debt		41,600 00	

Transferred to Department of Public Works by order of Council May 2, 1884	$5,000 00	
Transferred to Sewerage Fund by order of Council Oct. 20, 1884	3,500 00	
Transferred to Sewerage Tax Fund by order of Council Oct. 20, 1884	1,000 00	
Transferred to Health Department Fund by order of Council April 20, 1883	2,166 72	
Transferred to City Hall Fund, 1883, by order of Council Dec. 31, '83	34,440 48	
Transferred to City Hall Fund, 1884, by order of Council Aug. 4, '84	87,010 43	
Transferred to Police Fund, 1883	12,555 63	
Transferred to Cost Tax Sales	148 69	
Transferred to Cost Collecting City Taxes	11,060 69	
Transferred to Legal Expense	1,112 04	
Transferred to Police Fund, 1884	10,852 98	
Transferred to Fire Department Fund, 1884	10,000 00	
Balance to the Credit of this fund December 31, 1884	1,588,287 99	
	$3,054,801 16	$3,054,801 16

Health Department Fund, 1883.

Balance to the credit of this Fund Jan. 1, 1884		$3,219 14
Proportion of Uncollected Taxes, 1883	$2,506 63	
Transferred to General Fund, 1884	712 51	
	$3,219 14	$3,219 24

Health Department Fund, 1884.

Appropriation March 31, 1884				$137,616 50
Transferred from General Fund in accordance with Appropriation ordinance				70,000 00
Transferred from General Fund, 1884				2,166 72
From Mergenthau, Boland & Co., for sanitary purposes		$100 00		
From Board at Small Pox Hospital		60 00		
From Horsekeeping		4 00		
From warrant deposited back		2 00		
				166 00
Paid for salaries	$50,066 11			
Paid for supplies	5,858 72			
Paid for scavenger work and removing dead animals	150,174 42			
			$206,099 25	
Balance to the credit of this fund Dec. 31, 1884			3,849 97	
			$209,949 22	$209,949 22

House of Correction.

Balance to the credit of this Fund Jan. 1, 1884			$76,277 54
From Labor	$16,065 53		
From sale of Brick	24,393 95		
From sale of Horses	360 00		
From sale of old iron, rags, etc.	80 58		
From Laundry work, Police Dept.	2,272 03		
From Bridewell Fines	7,548 40		
From Board of Prisoners Cook County	5,823 75		
From Board of Prisoners Hyde Park	791 85		

From Board of Prisoners Evanston	$ 121 55		
From Board of Prisoners Town of Lake	2,664 00		
From Board of Prisoners Lemont	113 00		
From Board of Prisoners Cicero	207 00		
From Board of Prisoners United States	161 00		
From Board of Prisoners Lake View	167 25		
			$60,769 94
Paid for Salaries	$21,946 67		
Paid for Maintenance	38,738 11		
		$60,684 78	
Balance to the credit of this Fund Dec. 31, 1884		76,362 70	
		$137,047 48	$137,047 48

Interest Account, 1883.

Balance to the credit of this Fund Jan. 1, 1884			29,945 04
Proportion of Uncollected Taxes, 1883		$14,040 00	
Transferred to General Fund, 1884		15,905 04	
		$29,945 04	$29,945 04

Interest Account, 1884.

Appropriation Mch. 31, 1884			$607,518 80
Coupons due July 1, 1884, paid by City Treasurer	$39,714 50		
Remitted to New York to pay Coupons due July 1, 1884	249,082 90		
Coupons due Jan. 1, 1885, paid by City Treasurer	38,798 88		
Remitted to New York to pay Coupons due Jan. 1, 1885	243,113 64		
		$570,709 92	

Balance to the credit of this fund December 31, 1884		$36,808 88	
		$607,518 80	$607,518 80

Interest on Wharfing Privilege Mortgages.

From sundry persons for Interest	$2,143 49		$2,143 49
Transferred to General Fund, 1884		$2,143 49	
		$2,143 49	$2,143 49

Judgment Account, 1883.

Balance to the credit of this fund Jan. 1, 1884			$34,453 05
Paid judgments in favor of the following named persons, viz.:			
H. O. McQuaid	$7 06		
Mary C. Price	678 44		
Joseph Sherwin	399 35		
J. J. Hickman	1,739 15		
Caroline Douse	1,656 68		
Mary Burns	520 98		
Daniel Sullivan	290 00		
Patrick Murray	4,108 39		
Julius Jacobs	458 41		
A. P. Redfield	281 45		
D. J. Hubbard	55 84		
E. M. Thompson	244 72		
Lucinda R. Edgerly	571 76		
Mary Miller	62 49		
Maria T. Boynton, Executrix	5,972 64		
Abigail V. Stuck	4,421 90		
Michael Regney	1,745 37		
Mary Smetena	601 13		
Mary A. Watts	120 74		
Lizzie Will	264 02		
Mary Wells	578 09		
Mary L. Henry	1,156 42		
Daniel Holland	611 42		
W. H. Barton	589 27		

B. F. Aldrich	$ 275 49		
Daniel D. King	4,615 87		
		$32,027 08	
Transferred to General Fund, 1884		2,425 97	
		$34,453 05	$34,453 05

Judgment Account
1884.

Appropriation, Mar. 31, 1884			$ 46,979 90
Paid Judgment in favor of Louis Schmidt	$ 1,000 00		
		$ 1,000 00	
Balance to the Credit of this Fund, December 13, 1884		45,979 90	
		$ 46,979 90	$ 46,979 90

Legal Expense, 1884.

Appropriation, Mar. 31, 1884			$ 10,250 00
Transferred from General Fund, 1884			1,112 04
Paid for Court Costs and Witness' fees	$ 1,704 21		
Paid for Printing, blanks, etc	1,571 73		
Paid for Law Books	47 00		
Paid for Sheriff's fees	17 25		
Paid for Legal reporting	2,333 85		
Paid for Medical Examination	797 50		
Paid for Services of Experts	2,572 50		
Paid for Legal Services	1,617 00		
Paid for Carriage Hire	50 50		
Paid Expenses of Assistant City Attorney, Et. al. to Washington on City (Business)	239 00		
Paid Expenses of City Attorney to Spring Valley, Minn., on City business	11 50		

Paid Salary of Type Writer	$400 00		
		$ 11,362 04	
		$ 11,362 04	$ 11,362 04

Licenses.

From Sundry Licenses, as follows:		
Auctioneers	$ 2,753 00	
Lumber Yards	7,225 00	
Bakers	981 26	
Billiard Tables and Alleys	1,792 98	
Butchers	11,586 25	
Shooting Galleries	345 00	
Drays	151 69	
Dogs	24,274 00	
Exhibition	14,718 29	
Public Scales	133 35	
Restaurants	2,056 25	
Hacks and Livery	2,813 73	
Intelligence Office	2,237 44	
Junk Dealers and Wagons	4,135 03	
Omnibus	417 92	
Tanneries	650 00	
Pawn Brokers	16,350 00	
Bill Posters	131 24	
Peddlers	23,433 43	
Powder	475 00	
Pool Tables	792 48	
Rendering	4,058 31	
Runners	1,296 00	
Saloons, "Malt"	94,066 99	
Saloons, "Spiritious"	1,369,633 14	
Soap Factories	691 66	
Boats	1,369 00	
Scavengers	172 92	
Street Cars	24,614 05	
Second-hand dealers	5,512 46	
Concealed Weapons	412 00	
Wagons	14,605 00	
Bankers and Brokers	10,544 99	
Liquor Dealers	2,000 00	
Commission Merchants	10,898 50	
Druggists	7,510 80	
		$1,664,838 66

Paid Rebates on Saloon Licenses	$14,914 80			
Paid Rebate on Butcher License	11 25			
Paid Rebate on Restaurant Licenses	25 00			
Paid Rebate on Tanners' License	450 00			
Paid Rebate on Pool Table Licenses	25 00			
Paid Rebate on Brok'rs' and Commission Licenses	1,856 15			
			$ 17,282 20	
Transferred to Washingtonian Home			20,000 00	
Transferred to Police and and Firemens' Relief Fund			6,068 50	
Transferred to General Fund, 1884			1,621,487 96	
			$1,664,838 66	$1,664,838 66

Police Fund, 1883.

Transferred from General Fund, 1884			$ 12,555 63
Proportion of Uncollected Taxes of 1883		$ 12,555 63	
		$ 12,555 63	$ 12,555 63

Police Fund, 1884.

Appropriation, Mar. 31, 1884			$ 435,151 00
Transferred from General Fund, 1884, in accordance with appropriation ordinance			343,000 00
Transferred from General Fund, 1884			10,852 98
From Sale of Old Iron, etc.	$ 40 58		
From Warrants deposited back	484 68		
			525 26

Paid for Salaries	$710,643 85		
Paid for Supplies	52,925 57		
Paid for Secret Service and Special Police	6,774 72		
Paid for rent of telephones	4,955 00		
Paid for Repairs of Stations	3,898 81		
Paid for Rent	523 50		
		$ 779,721 45	
Balance to the Credit of this fund, December 31, 1884		9,807 79	
		$ 789,529 24	$ 789,529 24

Police and Firemen's Relief Fund.

From Fire Department for Fines of Firemen	$ 588 51		
From Police Dep't for Fines of Policemen	40 76		
			$629 27
Transferred from Fines of Police Courts			574 00
Transferred from Fire Insurance Premium Tax			13,606 84
Transferred from License on Dogs			6,058 50
Paid J. M. Dunphy, Treasurer	$20,878 61	$ 20,878 61	
		$ 20,878 61	$ 20,878 61

Police Life and Health Insurance Fund.

Balance to the Credit of this Fund January 1, 1884			$ 741 63
From one year's interest on Bonds invested for this Fund	$ 340 00		
			340 00

Paid for Medical Services and Medicine as follows:			
Paid Dr. David Hodge	$60 00		
Paid Dr. Jno. H. Dal	33 00		
Paid Dr. M. L. Harris	38 00		
		$ 131 60	
Balance to the Credit of this Fund December 31, 1884		950 03	
		$ 1,081 63	$ 1,081 63

Police Court, South Division 1884.

Appropriation March 31, 1884			$ 300 00
Paid for Fuel	$ 152 54		
Paid for Gas	39 59		
Paid for Ice	22 75		
Paid for Printing blanks, etc	18 98		
		233 86	
Transferred to General Fund, 1884		66 14	
		$ 300 00	$ 300 00

Police Court, West Division, 1884.

Appropriation March 31, 1884			$ 300 00
Paid for Coal	$ 140 23		
Paid for Printing blanks, etc	39 75		
		$ 179 98	
Transferred to General Fund, 1884		120 02	
		$ 300 00	$ 300 00

Police Court, North Division, 1884.

Appropriation March 31, 1884			$ 125 00
Paid for Printing blanks, etc	$ 52 31		
		$ 52 31	
Transferred to General Fund, 1884		72 69	
		$ 125 00	$ 125 00

Police Court, South Division, 1884.

Appropriation March 31, 1884			$ 300 00
Paid for Cleaning Station	$ 136 00		
Paid for Gas	10 00		
Paid for Printing blanks,	79 04		
		$ 225 11	
Transferred to General Fund, 1884		74 89	
		$ 300 00	$300 00

Pounds, 1884.

Appropriation March 31, 1884			$1,435 00
From impounding fees, viz:			
From North Division		$ 174 00	
From South Division		23 50	
From West Division		142 50	
			$ 340 00
Paid Salaries of Keepers	$ 300 00		
Paid Rent, West Division Pound	332 13		
Paid Rent, North Division Pound	480 00		
Paid for Impounding fees, costs, etc	99 50		

Paid for Hay	$68 99		
		$ 1,280 62	
Transferred to General Fund, 1884		494 38	
		$ 1,775 00	$ 1,775 00

Printing and Stationery.

Appropriation March 31,			$ 10,250 00
Paid for blanks, blank books, paper and stationery	$ 3,815 86		
Paid for Advertising	2,439 33		
Paid for Printing Council Proceedings	1,698 75		
Paid for Printing Comptroller's Report	280 40		
Paid for Binding Council Proceedings	109 30		
		$ 8,343 64	
Transferred to General Fund, 1884		1,906 36	
		$ 10,250 00	$ 10,250 00

Public Library Fund, 1883.

Balance to the Credit of this Fund, Jan. 1. '84			$ 31,911 59
Proportion of uncollected taxes of 1883		$ 1,363 50	
Transferred to Public Library Fund, 1884		30,548 09	
		$ 31,911 59	$ 31,911 59

Public Library Fund, 1884.

Appropriation March 31, 1884			$ 68,100 00
Transferred from Public Library, 1883			30,548 09
From W. B. Wickersham Sec'y, for fines, etc	$ 3,776 79		
			3,776 79

Paid Miscellaneous bills as audited by Board of Directors	$52,839 86		
		$ 52,839 86	
Balance to the Credit of this Fund, December 31, 1884		49,585 02	
		$ 102,424 88	$ 102,424 88

Rents.

From rent of sundry Lots	$ 11,220 00		
From rent of sundry Docks	8,659 25		
From rent of Lake Front	6,500 00		
From rent of Atwood farm Place	635 00		
			$ 27,014 25
Transferred to General Fund, 1884		$ 27,014 25	
		$ 27,014 25	$ 27,014 25

Salaries, 1884.

Appropriation Mch. 31, 1884			$42,435 00
Transferred from General Fund, 1884, in accordance with Appropriation Ordinance			55,000 00
Paid Salaries as follows:			
Mayor's Office.			
Paid Carter H. Harrison, Mayor	$4,500 00		
Paid T. O. Thompson, Secretary	2,000 00		
Paid salary of Assistant	1,000 00		
		$7,500 00	
Comptroller's Office.			
Paid T. T. Gurney, Comptroller	4,500 00		
Paid clerk's in Comptroller's office	12,180 20		
		16,680 20	

Law Department.

Paid F. S. Winston, Jr., Corporation Counsel	$6,000 00	
Paid J. S. Grinnell, City Attorney	4,583 34	
Paid C. A. Knight, City Attorney	416 66	
Paid C. S. Cameron, Prosecuting Attorney	209 60	
Paid M. R. M. Wallace, Prosecuting Attorney.	2,775 00	
Paid Assistants in Law Dept	6,450 00	
		$20,434 60

Police Courts.

Paid Peter Foote, Police Justice South Division	2,500 00	
Paid C. J. White, Police Justice West Division	2,500 00	
Paid Geo. Kersten, Police Justice North Division	2,500 00	
Paid O. P. Ingersoll, Police Justice, Southwest Division	2,500 00	
Paid Clerks of Police Courts	4,766 66	
		14,763 66

City Collector's Office.

Paid W. J. Onahan, City Collector	3,000 00	
Paid clerks in City Collector's office	5,669 32	
		8,669 32

City Clerk's Office.

Paid J. G. Neumeister, City Clerk	3,500 00	
Paid clerks in City Clerk's office	7,983 41	
		11,483 41

City Treasurer.			
Paid J. M. Dunphy, City Treasurer	$2,400 00		
		$2,400 00	
City Physician.			
Paid French Moore, City Physician	1,800 00		
		1,800 00	
Tax Agent.			
Paid J. C. Hitchcock, Tax Agent	1,600 00		
		1,600 00	
Sergeant at Arms.			
Paid John Long, Sergeant at Arms	1,500 00		
		1,500 00	
Aldermen.			
Paid salaries of Aldermen	6,789 00		
		6,789 00	
Transferred to General Fund, 1884		3,811 81	
		$97,435 00	$97,435 00

School Fund.

Balance to the credit of this Fund Jan. 1, 1884		$5,970 83
From C. C. Chase, School Agent:		
For Interest	$16,580 29	
For Rents	150,244 35	
For State Dividends	146,224 26	
For Sale of old Buildings	400 00	
For sale of Grass	40 00	
For Teachers' Salaries refunded	92 37	
From School Tax Fund, 1883	561,000 00	
		$874,581 27

Paid C. C. Chase, School Agent, for salaries of Superintendent and Teachers	$871,389 41		
Paid C. C. Chase salary as School Agent	1,000 00		
Paid Margaret M.O'Donoghue, dower in Barker lot	75 00		
Paid rent for box in safety deposit vault	30 00		
Paid incidental expenses	6 25		
Paid accrued interest on City Bonds Purchased	66 86		
Paid for taking School Census	6,824 02		
		$879,391 54	
Balance to the credit of this Fund Dec. 31, 1884		1,160 56	
		$880,552 10	$880,552 10

School Tax Fund, 1883.

Balance to the credit of this Fund Jan. 1, 1884			$1,477,332 61
Paid Bills as audited by Board of Education as follows:			
For New Sites	$69,605 00		
For New Buildings	365,881 67		
For Incidental expenses in connection with the erection of New Buildings	12,177 93		
For Permanent Improvements	3,362 07		
For General Repairs	1,268 25		
For Heating Apparatus	29,145 99		
For Apparatus and Furniture	15,199 34		
For Fuel	28,928 42		
For Taxes and Special Assessments	4,056 16		
For School Supplies	33 70		

For School-house Supplies	$ 215 61		
For Printing and Stationery	1,021 17		
For Evening Schools	4,608 16		
For School Fund	561,000 00		
		$1,096,503 47	
Proportion of Uncollected taxes of 1883		31,786 88	
Transferred to School Tax Fund, 1884		349,042 26	
		$1,477,332 61	$1,477,332 61

School Tax Fund, 1884.

Appropriation, Mar. 31, 1884			$1,532,515 40
Transferred from School Tax Fund, 1883			349,042 26
From Sale of Third Avenue School Site and Building		$ 90,000 00	
From Tuition Fees of Non-Resident Pupils		1,110 00	
From Special Assessments refunded		1,326 76	
From forfeited deposits		62 10	
From Sale old furniture, scrap iron, etc		336 74	
			92,835 60
Paid bills as audited by Board of Education, as follows:			
For New Buildings	$ 4,406 50		
For Incidental expense in connection with the erection of New Buildings	6,135 59		
For Permanent Improvements	16,654 38		
For General Repairs	23,903 43		
For Heating Apparatus	37,974 94		
For Apparatus and Furniture	19,437 33		

For furnishing New Offices	$ 3,989 67			
For Rental Sites and Buildings	9,845 74			
For Fuel	13,439 81			
For Taxes and Special Assessments	7,260 44			
For School Supplies	2,674 20			
For School House Supplies	2,736 86			
For Printing and Advertising	3,515 82			
For Evening Schools	20,844 32			
For Madison Drawing Exhibit	114 82			
For Official Salaries	11,030 74			
For Salaries for Engineers and Janitors	72,358 50			
		$ 256,323 09		
Transferred to City Hall Fund, 1884		36,000 00		
Balance to the Credit of this Fund, December 31, 1884		1,682,070 17		
		$1,974,393 26		$1,974,393 26

Sewerage Fund, 1883.

Balance to the Credit of this Fund, January 1, 1884			$ 2,418	04
Proportion of Uncollected Taxes of 1883		$ 1,859 20		
Transferred to General Fund, 1884		558 84		
		$ 2,418 04	$ 2,418	04

Sewerage Fund, 1884.

Appropriation, Mar. 31, 1884			$ 95,666	20
Transferred from General Fund, 1884			3,500	00

From Drain Permits and Licenses		$31,014 09		
From Cleaning Sewers		59 10		
				$31,073 19
Paid for Sewerage and River Improvement Sinking Funds	$1,000 00			
Paid for House Drains	22,623 55			
Paid for cleaning and repairing Sewers and Catch Basins	51,368 41			
Paid for Intersections	30,503 89			
Paid for Salaries	21,903 24			
Paid for Office and Miscellaneous Expense	1,154 90			
			$ 128,553 99	
Balance to the Credit of this Fund, December 31, 1884			1,685 40	
			$ 130,239 39	$ 130,239 39

Sewerage Tax Fund, 1883.

Balance to the Credit of this Fund, January 1, 1884			$ 11,887 11
Proportion of Uncollected Taxes, 1883	$ 5,803 85		
Transferred to Sewerage Tax Fund, 1884	6,083 26		
	$ 11,887 11	$	11,887 11

Sewerage Tax Fund, 1884.

Appropriation, Mar. 31, 1884		$ 260,350 00
Transferred from Sewerage Tax Fund, 1883		6,083 26
Transferred from General Fund, 1884		1,000 00
From advances to Construct Sewers	$ 3,894 45	
From Premium on bonds sold	4,717 40	

From Vouchers' deposited back	$ 1,725 55		
From Sew'rage fund and private parties, for labor and material furnished	38,132 87		
			$48,470 27
Paid for Sewers in North Division	$21,962 10		
Paid for Sewers in South Division	52,355 45		
Paid for Sewers in West Division	190,949 98		
Paid for Sewer Pipe	2,995 19		
Paid for Wooden Covers	9,876 89		
Paid for Iron Covers	7,873 88		
Paid for Sewer Brick	8,618 40		
Paid for Sand	346 50		
Paid for Cement	4,144 65		
Paid for Catch basins	6,834 29		
Paid for Advances refunded	4,187 00		
Paid for Advertising Premium and Exchange	1,194 29		
		$ 311,338 62	
Balance to the Credit of this Fund, December 31, 1884		4,564 91	
		$ 315,903 53	$ 315,903 53

Sinking Funds.

General.

Balance to the Credit of this Fund, January 1, 1884			$ 131,125 48
Appropriation, Mar. 31, 1884			500 00
From General Fund, for interest on money advanced for the years 1881, 1882, 1883, and 1884			20,000 00
Proportion of Uncollected Taxes of 1883		$ 11 55	

Balance to the Credit of this Fund, December 31, 1884			$ 151,613 93	$ 151,625 48
			$ 151,625 48	$ 151,625 48

River Improvement.

Balance to the Credit of this Fund, January 1, 1884				$ 42,271 02
From Sewerage Fund	$ 500 00			500 00
From General Fund, for interest on money advanced for the years 1881, 1882, 1883, and 1884				6,400 00
Balance to the Credit of this Fund, December 31, 1884			49,171 02	
			$ 49,171 02	$ 49,171 02

School.

Balance to the Credit of this Fund, January 1, 1884				$ 50,294 99
Appropriation, Mar. 31, 1884				500 00
From General Fund, for interest on money advanced for the years 1881, 1882, 1883, and 1884				8,000 00
Proportion of Uncollected Taxes of 1883		$ 11 55		
Balance to the Credit of this Fund, December 31, 1884		58,783 44		
		$ 58,794 99		$ 58,794 99

Sewerage.

Balance to the Credit of this Fund, January 1, 1884			$	45,950 16
From Sewerage Fund	$ 500 00			500 00

From General Fund, for interest on money advanced for the years 1881, 1882, 1883, and 1884			$ 7,200 00	
Balance to the Credit of this Fund, December 31, 1884		$ 53,650 16		
		$ 53,650 16	$ 53,650 16	

Special Assessment and Deposit Fund.

Balance to the Credit of this Fund, January 1, 1884			$ 260,120 77	
Received from various sources as per itemized Statement, following	$2,606,121 16		$2,606,121 16	
Transferred from Cost, Tax Sales			4 27	
Paid on various War'ants as per itemized Statement following	$2,630,425 33	$2,630,425 33		
Balance to the Credit of this Fund, December 31, 1884		235,820 87		
		$2,866,246 20	$2,866,246 20	

SPECIAL ASSESSMENTS

RECEIPTS.

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
1535	$ 27 00	4319	$ 15 00	4354	$ 5 00
2765	495 75	4320	12 00	4355	12 00
2963	857 56	4321	8 25	4356	19 08
2985	91 20	4322	7 25	4357	8 00
3231	72	4323	10 50	4358	6 00
3820	16,817 19	4324	11 50	4359	30 00
3852	825 94	4325	8 50	4360	7 00
4020	1,714 92	4326	577 50	4361	14 62
4027	2,577 02	4327	750	4362	3 00
4028	3,041 88	4328	18 75	4363	18 00
4057	18 00	4329	13 50	4364	17 75
4182	368 41	4330	14 25	4365	9 00
4266	7,609 57	4331	7 00	4366	9 30
4271	252 31	4332	13 75	4367	6 00
4281	1,892 78	4333	18 50	4368	13 00
4289	10,598 67	4334	328 01	4369	9 00
4290	1,754 86	4335	2 00	4370	5 00
4291	1,880 63	4336	2 00	4371	9 00
4292	1,460 30	4337	44 00	4372	17 17
4293	5,960 21	4338	30 00	4373	12 00
4294	2,918 12	4339	17 28	4374	21 00
4295	5,689 53	4340	9 00	4375	32 00
4296	3,242 13	4341	20 00	4376	43 00
4300	1 34	4342	33 95	4377	12 95
4303	10 00	4343	20 00	4378	16 00
4309	19 50	4344	22 25	4379	15 00
4310	20 00	4345	5 00	4380	6 00
4311	26 25	4346	39 42	4381	5 00
4312	5,417 20	4347	15 00	4382	6 00
4313	3 00	4348	9 00	4383	14 00
4314	8 00	4349	49 85	4384	6 00
4315	11 25	4350	9 00	4385	17 00
4316	19 00	4351	14 00	4386	18 00
4317	15 50	4352	3 00	4387	21 00
4318	11 50	4353	15 00	4388	23 75

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4389	$ 22 50	4434	$ 28 05	4480	$ 164 75
4390	9 50	4435	14 52	4481	93 64
4391	20 00	4436	43 02	4482	47 70
4392	33 25	4437	28 31	4483	172 97
4394	9 50	4438	33 06	4484	17 00
4395	3 45	4439	19 10	4485	28 47
4396	9 50	4440	17 81	4486	48 11
4397	9 75	4441	12 84	4487	34 91
4398	7 75	4442	24 57	4488	25 17
4399	13 00	4443	25 32	4489	11 86
4400	10 50	4444	23 07	4490	10 00
4401	38 87	4445	3 00	4491	22 14
4402	12 20	4446	3 50	4492	12 76
4403	29 04	4447	14 00	4493	3 00
4404	43 62	4448	15 15	4494	33 42
4405	18 45	4449	13 50	4495	39 51
4406	18 39	4450	20 50	4496	61 97
4407	78 83	4451	33 00	4497	51 36
4408	6,230 79	4452	4 00	4498	51 90
4409	25 32	4453	15 00	4499	12 11
4410	34 74	4455	4 00	4500	22 52
4411	29 15	4456	1 50	4501	16 89
4412	33 71	4457	1 50	4502	12 96
4413	41 53	4458	2 00	4503	21 38
4414	21 36	4459	8 00	4504	20 14
4415	22 92	4460	8 50	4505	10 92
4416	22 98	4461	6 00	4506	21 98
4417	13 62	4462	6 50	4507	12 15
4418	22 04	4463	5 00	4508	13 76
4419	16 80	4464	5 50	4509	14 19
4420	67 35	4465	3 50	4510	15 04
4421	51 60	4466	56 80	4511	34 30
4422	27 15	4467	250 95	4512	15 20
4423	29 22	4468	52 25	4513	25 94
4424	64 32	4469	5 50	4514	15 64
4425	28 27	4470	680 54	4515	14 19
4426	13 27	4471	2,763 97	4516	27 53
4427	17 60	4472	6 50	4517	40 36
4428	20 48	4474	63 42	4518	31 42
4429	24 80	4475	68 01	4519	28 65
4430	33 69	4476	6 50	4520	20 38
4431	39 12	4477	3,040 28	4521	17 40
4432	25 00	4478	955 89	4522	18 25
4433	43 84	4479	3,853 48	4523	39 48

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4524	27 10	4569	$ 3 00	4618	$ 15 00
4525	36 93	4570	3 00	4619	2 00
4526	13 00	4572	13 36	4620	11 25
4527	5 75	4573	1,481 50	4621	8 00
4528	26 52	4574	36 44	4622	6 25
4529	16 37	4575	56 75	4624	11 50
4530	18 20	4576	368 20	4625	10 25
4531	53 07	4577	35 25	4626	5 75
4532	175 24	4578	43 00	4627	5 50
4533	11 00	4579	39 00	4628	2 05
4534	13 50	4580	5,398 25	4629	29,073 98
4535	5 25	4581	24 86	4630	2,037 81
4536	2 75	4582	106 55	4631	3 50
4537	7 00	4583	19 25	4632	1,121 00
4538	6 75	4584	13 00	4633	1,599 75
4539	1 75	4585	18 50	4634	19 50
4540	36 00	4586	26 00	4635	11,714 21
4541	2 75	4587	3 00	4636	6,629 82
4542	9 75	4588	15 00	4637	3 10
4543	5 75	4589	2 50	4638	31 96
4544	1 75	4590	3 50	4639	2,792 48
4545	9 50	4591	36 32	4640	383 11
4546	10 25	4592	5 25	4641	1,481 50
4547	1 50	4593	13 00	4642	87 98
4548	51 00	4594	9 50	4643	18 00
4549	12 50	4595	10 63	4645	1,361 40
4550	23 00	4596	7 75	4647	18,360 40
4551	17 00	4597	6 00	4648	20 00
4552	6 00	4598	9 50	4649	36,237 62
4553	15 00	4600	10 00	4650	1 25
4554	63 00	4601	4 00	4651	15 00
4555	5 50	4602	40 25	4652	4 00
4556	6 50	4603	10 50	4653	4 00
4557	12 50	4604	899 71	4654	2 00
4558	15 00	4606	3,042 66	4655	3 00
4559	14 50	4607	364 93	4656	1 50
4561	1 50	4608	321 47	4657	2 50
4562	6 50	4609	3,869 91	4658	5 50
4563	6 50	4610	1,916 39	4659	6 50
4564	6 00	4611	975 02	4660	15 00
4565	3 00	4613	1,117 32	4661	12 00
4566	3 75	4615	482 66	4662	9 00
4567	19 00	4616	112 05	4663	7 00
4568	3 00	4617	8 50	4664	7 50

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4665	$ 7 00	4713	$ 5 50	4764	$ 29,575 45
4666	6 00	4714	7 50	4765	29 50
4667	6 50	4715	2 00	4766	10 75
4668	21 00	4716	76 21	4767	15 00
4669	21 00	4717	49 80	4768	3 25
4670	88 84	4719	48 86	4769	15 75
4671	73 41	4720	42 35	4770	39 25
4672	3 00	4724	3,879 10	4771	40 50
4673	16 00	4727	240 00	4772	32 25
4674	6 50	4728	6 50	4773	15 00
4676	73 14	4729	940 80	4774	6 00
4677	2 50	4730	444 52	4775	4 50
4678	35 35	4731	92 50	4776	8 75
4679	35 35	4732	1 00	4777	24 25
4680	265 88	4733	206 23	4778	16 00
4681	147 48	4734	2,186 95	4779	110 92
4682	6 00	4735	45 24	4780	26 55
4683	107 77	4736	48,093 39	4783	355 62
4684	14 20	4737	43,023 80	4784	3 04
4685	58 00	4738	16 50	4785	20 56
4686	11 45	4739	25 50	4786	51 00
4687	88 88	4740	27 00	4787	2,808 00
4688	90 09	4741	6 00	4788	5 25
4689	437 52	4742	10,002 10	4789	10 50
4691	99 60	4743	1,401 04	4790	25 75
4692	95 28	4744	18 00	4791	19 25
4693	92 18	4745	22 02	4792	15 00
4694	6 15	4746	1,758 75	4793	76 25
4695	11 25	4747	1 50	4794	6 00
4698	145 14	4748	2 00	4795	2,351 43
4699	9 50	4749	12 75	4796	9,567 18
4700	143 04	4750	17 00	4797	2 33
4701	21 00	4751	4 00	4798	77 76
4702	12,795 40	4752	2,381 64	4799	68 43
4703	19 75	4753	58 31	4801	2 05
4704	18 00	4754	2,415 25	4802	27 26
4705	20 70	4755	2 64	4803	39 87
4706	25 56	4756	23 65	4804	1 68
4707	30 71	4757	15 74	4805	3 67
4708	24 20	4758	9 61	4806	4,615 33
4709	417 88	4759	5,391 42	4807	959 51
4710	12 50	4760	1 65	4809	543 84
4711	16 75	4762	17 34	4810	94 78
4712	6 75	4763	59 69	4811	18 75

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4812	$ 745 96	4883	$ 193 90	4927	$ 199 08
4813	8,320 44	4884	78 58	4928	311 24
4814	592 67	4885	111 30	4929	95 00
4816	17,223 34	4886	50 40	4930	455 00
4817	1,126 63	4887	477 58	4931	396 75
4818	20 75	4888	659 15	4932	483 48
4819	81 13	4889	1,157 28	4933	160 06
4820	2,555 57	4890	102 55	4934	341 28
4821	6,571 74	4891	278 78	4935	7,617 68
4822	1,628 04	4892	153 48	4936	801 20
4823	26 86	4893	115 15	4937	301 00
4824	89 75	4894	687 75	4938	774 75
4825	12 25	4895	168 00	4939	545 00
4826	16 75	4896	142 20	4940	802 25
4827	501 85	4897	38 44	4941	123 00
4828	1,452 54	4898	61 88	4942	137 00
4829	3 50	4899	284 40	4943	1,979 00
4830	34 42	4900	199 08	4944	705 00
4833	3,368 42	4901	619 24	4945	598 00
4834	390 00	4902	649 35	4946	500 92
4835	369 00	4903	1,717 13	4947	364 84
4840	589 50	4904	3,292 15	4948	707 75
4853	1,725 51	4905	1,336 50	4949	4,387 88
4858	251 31	4906	878 15	4950	467 55
4859	454 73	4907	627 20	4951	337 25
4861	1,964 17	4908	359 80	4952	328 00
4863	65 25	4909	154 35	4953	514 75
4864	37 50	4910	160 65	4954	369 00
4865	2,636 58	4911	659 05	4955	348 50
4866	576 80	4912	120 60	4956	381 50
4868	8,701 85	4913	522 20	4957	195 00
4869	2,838 30	4914	349 13	4958	18,563 03
4870	3,820 62	4915	671 30	4959	28,671 18
4871	825 40	4916	250 43	4960	1,126 75
4872	500 25	4917	1,269 50	4961	198 70
4873	2,135 84	4918	366 80	4962	1,579 75
4874	1,340 75	4919	488 95	4963	508 20
4875	2,294 42	4920	329 18	4964	93 98
4877	6,423 41	4921	170 80	4965	520 08
4878	669 24	4922	171 85	4966	160 30
4879	162 50	4923	299 95	4967	714 00
4880	103 50	4924	908 15	4968	1,038 50
4881	113 40	4925	405 65	4969	163 80
4882	193 55	4926	197 10	4970	191 45

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4971	462 00	5015	$ 361 55	5059	$ 401 50
4972	487 90	5016	253 05	5060	12,778 74
4973	695 80	5017	1,137 25	5061	1,319 50
4974	530 95	5018	509 75	5062	3,514 00
4975	799 75	5019	728 53	5063	180 00
4976	110 43	5020	378 58	5064	158 75
4977	573 44	5021	329 05	5066	2,099 31
4978	869 93	5022	432 08	5067	84 27
4979	152 60	5023	293 30	5068	10,075 37
4980	153 39	5024	227 68	5069	18,583 20
4981	457 80	5025	248 85	5070	10,054 36
4982	535 15	5026	449 61	5071	8,236 28
4983	587 30	5027	129 85	5072	1,054 50
4984	331 10	5028	1,073 93	5073	348 00
4985	371 70	5029	282 98	5074	372 90
4986	115 85	5030	316 00	5075	195 37
4987	296 80	5031	191 45	5076	1,131 00
4988	205 80	5032	157 33	5077	848 25
4989	372 23	5033	255 50	5078	957 00
4990	159 60	5034	117 60	5079	364 00
4991	755 30	5035	193 20	5080	295 75
4992	225 40	5036	396 55	5081	2,278 75
4993	130 20	5037	104 65	5082	457 00
4994	301 35	5038	383 60	5083	400 50
4995	304 85	5039	229 08	5084	296 40
4996	546 25	5040	469 35	5085	25 25
4997	975 00	5041	335 46	5086	219 50
4998	119 70	5042	60 22	5087	5,671 69
4999	248 32	5043	1,737 94	5088	41,612 66
5000	139 65	5044	13,727 08	5089	525,256 62
5001	171 50	5045	28,408 58	5090	15 00
5002	261 10	5046	61 88	5091	9,540 64
5003	139 30	5047	255 96	5092	22,874 22
5004	614 78	5048	483 48	5093	10 00
5005	621 60	5049	1,060 10	5094	1,168 38
5006	1,616 45	5050	2,001 35	5095	62 85
5007	842 00	5051	17,901 73	5097	5,024 25
5008	314 18	5052	529 55	5098	5,994 75
5009	1,229 73	5053	51,579 93	5099	2,408 05
5010	1,913 10	5054	42 61	5102	7,165 20
5011	210 70	5055	723 58	5103	6,248 75
5012	116 20	5056	61 88	5104	5 00
5013	1,296 93	5057	366 00	5105	5,981 76
5014	383 25	5058	113 76	5106	12,298 00

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5107	$ 329 67	5155	$ 142 20	5199	$ 74 70
5108	6,618 68	5156	113 76	5200	160 78
5109	1,740 00	5157	61 88	5201	414 05
5110	15,049 56	5158	113 76	5202	474 10
5111	8,511 22	5159	61 88	5203	222 00
5112	25 00	5160	170 64	5204	834 75
5113	14,697 24	5161	113 76	5205	1,057 00
5114	2,711 40	5162	34 85	5206	557 40
5115	43,920 66	5163	202 22	5207	864 75
5117	16,842 04	5164	125 76	5208	585 75
5118	4,119 68	5165	227 52	5209	778 50
5119	13,576 97	5166	91 32	5210	164 75
5121	1,801 60	5167	61 88	5211	325 50
5122	70 00	5168	61 88	5212	1,559 03
5123	2,274 34	5169	113 76	5213	1,275 40
5124	22,578 66	5170	90 32	5214	4,369 75
5125	282 62	5171	321 28	5215	364 10
5126	571 90	5172	90 32	5216	805 30
5127	9,353 01	5173	317 80	5217	3,761 00
5128	54,931 76	5174	142 20	5219	568 00
5129	5,874 33	5175	170 64	5220	452 00
5130	7,651 48	5176	38 44	5221	136 50
5131	1,489 18	5177	170 64	5222	621 25
5132	15,767 77	5178	38 44	5223	443 75
5133	26,702 73	5179	109 45	5224	1,095 50
5134	73 50	5180	112 05	5225	3,854 40
5135	9,793 16	5181	59 70	5226	832 50
5136	15,351 15	5182	274 05	5227	5,027 75
5137	5,153 60	5183	1,822 50	5228	112 76
5138	1,148 65	5184	39 65	5229	305 51
5139	4,110 52	5185	419 97	5230	29 90
5141	375 75	5186	42 35	5231	1,081 25
5142	485 00	5187	29 90	5232	395 00
5143	596 75	5188	49 80	5233	910 09
5144	462 00	5189	87 08	5234	447 00
5145	331 35	5190	212 72	5235	559 00
5146	3,410 70	5191	142 20	5236	453 50
5147	25 00	5192	538 54	5237	2,573 50
5148	149 25	5193	90 32	5238	1,751 00
5150	642 49	5194	61 88	5239	1,850 00
5151	199 08	5195	141 46	5240	256 00
5152	90 32	5196	113 76	5241	1,200 00
5153	170 64	5197	308 03	5242	171 00
5154	142 20	5198	62 46	5243	621 25

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5244	$ 288 00	5288	$ 352 00	5332	$ 950 50
5245	495 68	5289	3 28	5333	277 00
5246	631 23	5290	400 00	5334	887 75
5247	316 05	5291	342 00	5335	2,845 75
5248	978 34	5292	421 00	336	869 00
5249	130 55	5293	1,811 00	5337	1,845 00
5250	312 00	5294	277 70	5338	1,521 00
5251	301 00	5295	1,233 75	5339	707 25
5252	1,947 00	5296	4,852 25	5340	484 00
5253	177 45	5297	714 00	5341	220 50
5254	251 30	5298	259 00	5342	1,925 00
5255	511 53	5299	397 84	5343	783 00
5256	960 05	5300	99 60	5344	288 00
5257	126 00	5301	171 33	5345	1,125 75
5258	143 68	5302	8 57	5346	441 00
5259	144 73	5303	146 65	5347	992 25
5260	86 80	5304	228 73	5348	287 50
5261	112 00	5305	21,227 88	5349	266 50
5262	655 73	5306	1,189 25	5350	630 00
5263	203 70	5307	1,231 50	5351	314 50
5264	376 95	5308	2,256 00	5352	360 00
5265	1,008 00	5309	401 00	5353	225 00
5266	339 60	5310	38 44	5354	330 00
5267	470 05	5311	38 44	5355	2,310 00
5268	479 15	5312	61 88	5356	1,000 00
5269	215 60	5313	61 88	5357	1,011 00
5270	557 55	5314	38 44	5358	1,159 05
5271	110 95	5315	464 40	5359	61,415 85
5272	564 03	5316	100 32	5360	15 00
5273	3,923 00	5317	2,174 23	5361	16,582 12
5274	504 00	5318	243 09	5362	192 24
5275	1,452 50	5319	194 65	5363	16,763 18
5276	2,932 50	5320	312 28	5364	1,753 46
5277	727 75	5321	187 92	5366	9,769 31
5278	1,171 50	5322	479 25	5367	1,619 76
5279	1,675 00	5323	3,586 00	5368	2,792 19
5280	2,468 00	5324	1,612 10	5369	19,998 72
5281	302 00	5325	2,773 00	5370	6,951 60
5282	973 00	5326	318 00	5371	10,469 15
5283	181 50	5327	471 75	5372	32,056 62
5284	2,613 00	5328	308 00	5373	2,091 72
5285	923 00	5329	137 50	5374	180 00
5286	625 25	5330	864 50	5375	103 92
5287	488 50	5331	412 50	5376	2,166 00

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5377	$ 2,747 34	5403	$ 1,558 32	5430	$ 3,856 48
5379	12,827 26	5404	1,671 33	5431	20 00
5380	3,203 85	5405	4,746 37	5432	12,619 64
5381	9,854 41	5406	8,859 43	5433	1,380 16
5382	17,147 33	5407	3,191 03	5434	26 00
5383	8,135 00	5408	69,516 84	5435	17 50
5384	11,321 30	5409	6,788 89	5436	110 00
5385	4,900 00	5410	6,477 63	5437	1,193 40
5386	1,287 71	5411	12 50	5438	4,941 98
5387	3,694 80	5412	99 33	5439	16,218 55
5388	12,207 76	5413	806 25	5440	16,679 07
5389	28,296 89	5414	1,422 00	5441	12,467 10
5390	217 50	5415	10,170 36	5442	173 45
5391	5,425 91	5417	714 35	5447	1,638 80
5392	14,911 15	5418	3,266 32	5449	32 10
5393	824 05	5419	987 50	5464	150 00
5394	1,170 34	5420	19,749 80	5465	101 52
5395	2,141 44	5421	56 88	5466	923 69
5396	832 96	5422	580 00	5467	1,847 10
5397	946 04	5423	23,875 22	5468	337 00
5398	7,457 70	5424	165 66	5469	153 00
5399	18,583 16	5426	7,021 42	5470	9,090 00
5400	12,979 20	5427	8 00	5471	7 00
5401	2,804 30	5428	455 33	5479	8 75
5402	2,926 42	5429	3,356 68	5521	3,565 80

Total $2,606,121 16

The foregoing Special Assessment Receipts were from the following sources:

From City Collector	$ 533,601 84
From County Collector	2,047,136 27
From City Comptroller	1,236 91
From City Comptroller, "Tax Certificates"	858 28
From City Comptroller, "Tax Deeds"	118 20
From Transfer from other Warrants	3,169 66
	$2,606,12 16

SPECIAL ASSESSMENTS.

EXPENDITURES.

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
558	$ 667 29	3289	$ 1 33	3479	$ 156 72
720	42 37	3290	89 43	3480	706 67
1173	32 56	3291	204 78	3481	102 18
1175	35	3292	261 14	3482	126 19
1284	27 80	3297	12 84	3496	22 14
1375	12 55	3299	92 67	3502	48 06
1844	2 47	3305	9 48	3504	4 40
2357	7 00	3383	5 83	3507	13 20
2740	2 23	3400	36 06	3512	24 35
2747	21 65	3402	26 62	3514	26 07
2754	2 10	3403	4 66	3516	1,882 60
2763	3 98	3405	27 20	3520	6 55
2765	1,085 07	3408	10 66	3523	20 00
2766	10 57	3409	9 60	3526	28 06
2767	3 00	3411	11 96	3527	114 05
2936	140 27	3413	49	3528	88 79
2938	5 50	3419	375 48	3536	2 50
2963	857 56	3425	7 68	3540	6 48
2985	82 80	3430	2 96	3543	17 50
2991	200 00	3434	37 60	3551	81 13
3030	95	3438	15 72	3555	12 79
3041	102 95	3448	26 65	3559	6 79
3145	495 00	3450	33 61	3578	13 25
3149	21 42	3453	5 90	3580	4 00
3162	219 37	3455	92 32	3581	11 78
3164	115 53	3457	197 59	3582	18 50
3166	9 56	3459	154 36	3584	184 00
3172	28 40	3460	29 98	3585	6 87
3193	4 72	3461	16 65	3586	21 50
3196	5 04	3462	21 37	3587	17 75
3229	45 00	3463	349 36	3589	48 29
3252	22 29	3470	220 32	3595	29 33
3277	8 10	3471	75 89	3596	19 64
3287	643 42	3472	69 21	3597	95 04
3288	6 75	3474	22 28	3601	65 70

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
3602	$ 13 30	3761	$ 5 25	3881	$ 14 45
3603	47 18	3762	224 65	3882	2 15
3613	24 05	3763	38 64	3885	5 12
3619	44 37	3764	26 05	3888	7 02
3632	2 48	3770	7 22	3889	57 81
3633	5 63	3771	21 66	3890	39 75
3634	1 10	3772	22 00	3942	82 90
3635	38 86	3775	4 22	3954	91 60
3636	71 55	3776	16 95	3957	7 95
3637	6 10	3778	2,059 04	3976	20 00
3652	7 17	3779	203 91	3986	68
3657	117 04	3780	581 31	3990	4 80
3659	7 97	3782	5 00	3991	29 73
3663	37 34	3783	10 12	3995	20 99
3665	3 48	3784	44 03	3998	1,023 72
3666	25 89	3787	83 49	4007	6 20
3668	4 05	3788	5 90	4008	5 52
3672	49 35	3791	20 10	4010	28 65
3675	93 35	3792	5 51	4011	120 51
3684	13 95	3794	17 55	4019	15 45
3685	10 50	3795	301 85	4020	158 41
3691	36 77	3801	6 45	4025	358 50
3694	63 54	3802	5 50	4027	366 23
3698	125 20	3803	14 00	4028	3,188 27
3699	13 10	3804	16 60	4029	215 95
3700	33 78	3805	550 52	4030	50 29
3704	221 13	3807	41 92	4047	1,581 39
3708	146 55	3820	21,835 04	4048	31 41
3718	33 43	3821	21 90	4049	100 35
3727	20 00	3822	262 18	4057	18 00
3733	5 83	3824	45 00	4059	240 00
3736	136 14	3832	110 17	4065	55 20
3737	71 08	3833	18 00	4068	14 72
3739	737 32	3835	7 80	4071	3 80
3740	15 00	3836	15 98	4087	60 00
3742	16 92	3837	7 79	4093	180 00
3743	110 18	3838	34 50	4100	195 00
3744	31 74	3839	5 99	4102	45 00
3746	102 00	3845	68 96	4103	104 93
3748	20 16	3851	151 23	4104	235 18
3751	46 36	3852	278 13	4105	91 76
3752	15 40	3859	103 88	4107	173 43
3757	929 65	3862	371 20	4108	120 23
3760	40 55	3878	9 64	4109	55 44

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4110	$ 168 72	4215	$ 46 02	4310	$ 61 01
4111	86 35	4216	1 75	4311	13 08
4118	1 40	4217	35 00	4312	6,108 94
4120	24 00	4218	1 86	4314	3 07
4121	260 41	4219	125 86	4315	60 32
4123	184 56	4220	241 72	4316	36 15
4125	87 92	4221	19 88	4317	41 12
4126	8 50	4222	21 35	4318	14 99
4128	38 15	4223	9 78	4320	19 80
4129	66 55	4224	26 95	4321	44 94
4140	812 66	4225	136 41	4323	34 10
4148	165 00	4228	18 00	4325	28 26
4149	164 39	4233	75 33	4326	341 07
4150	13 49	4236	21 28	4327	23 75
4151	171 47	4237	8 20	4328	2 00
4157	105 44	4238	5 95	4330	18 68
4158	7 46	4239	62 34	4331	278 20
4159	24 00	4242	24 85	4332	70 42
4160	85 25	4243	147 89	4333	13 00
4161	75 40	4244	25 88	4334	372 95
4163	29 91	4245	101 75	4335	61 69
4164	72 18	4246	32 27	4336	345 00
4166	171 53	4251	259 53	4346	270 00
4171	51 47	4252	13 12	4347	119 50
4172	19 80	4254	54 76	4348	45 00
4175	5,439 83	4260	66 02	4349	255 00
4176	1,650 00	4263	11 57	4350	47 57
4182	877 32	4265	30 00	4358	47 80
4183	196 18	4266	3,643 50	4359	150 00
4184	125 00	4269	54 48	4363	90 00
4185	62 40	4271	90 39	4364	21 00
4186	7 40	4272	2,796 94	4377	53 80
4188	3 95	4273	11 75	4384	9 85
4190	6 04	4286	85 50	4388	10 60
4191	93 80	4289	222 98	4389	108 35
4195	28 73	4290	338 83	4390	161 26
4196	77 68	4291	183 91	4391	187 63
4197	43 72	4292	1,563 10	4392	80 11
4198	175 88	4293	1,010 55	4397	20 55
4199	231 88	4294	894 74	4398	21 29
4205	3 85	4295	8,497 37	4400	3 21
4211	61 47	4296	620 95	4404	26 50
4212	5 75	4308	84 18	4406	13 68
4214	39 80	4309	18 70	4408	1,104 15

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4418	$ 28 00	4516	$ 27 53	4561	$ 45 30
4433	8 64	4517	40 36	4562	88 00
4451	165 00	4518	56 86	4563	96 14
4459	24 00	4519	28 65	4564	95 95
4470	348 13	4520	20 38	4565	52 35
4471	1,076 93	4521	17 40	4566	43 16
4477	1,955 84	4522	18 25	4567	76 00
4478	227 72	4523	39 48	4568	30 00
4479	2,867 59	4524	27 10	4569	30 00
4481	76 80	4525	36 93	4570	30 00
4482	54 30	4526	131 90	4572	13 36
4483	298 50	4527	34 50	4573	8,624 00
4484	68 00	4528	26 52	4574	137 55
4485	28 47	4529	16 37	4575	193 75
4486	51 86	4530	18 20	4576	491 13
4487	34 91	4531	64 32	4577	132 09
4488	25 17	4532	1,556 89	4578	284 30
4489	11 86	4533	66 00	4579	1,516 74
4490	32 41	4534	67 50	4580	3,265 30
4491	23 14	4535	31 50	4581	24 86
4492	12 76	4536	43 90	4582	106 55
4493	24 00	4537	49 64	4583	364 67
4494	33 42	4538	97 62	4584	26 00
4495	39 51	4539	57 70	4585	37 00
4496	123 74	4540	240 00	4586	78 00
4497	51 36	4541	73 95	4587	30 00
4498	51 90	4542	39 00	4588	145 94
4499	12 11	4543	41 55	4589	20 00
4500	23 52	4544	66 05	4590	92 80
4501	16 89	4545	82 92	4591	1,131 92
4502	12 96	4546	159 72	4592	31 50
4503	21 33	4547	18 00	4593	76 44
4504	20 14	4548	491 30	4594	57 00
4505	10 92	4549	62 50	4595	46 70
4506	21 98	4550	69 00	4596	68 00
4507	12 15	4551	68 00	4597	45 35
4508	13 76	4552	62 80	4598	50 54
4509	14 19	4553	144 50	4600	73 12
4510	15 04	4554	585 90	4601	63 50
4511	34 30	4555	55 00	4602	213 97
4512	15 20	4556	52 00	4603	70 12
4513	25 94	4557	62 50	4604	586 34
4514	15 64	4558	75 00	4605	252 12
4515	14 19	4559	72 50	4606	832 17

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4607	$ 349 99	4655	$ 30 00	4701	$ 202 30
4608	284 66	4656	20 00	4702	14,853 32
4609	2,424 78	4657	25 00	4703	132 25
4610	330 62	4658	50 00	4704	179 40
4611	2,589 25	4659	52 00	4705	1,710 53
4613	264 55	4660	144 50	4706	25 56
4615	1,836 70	4661	115 60	4707	30 71
4616	319 87	4662	46 70	4708	24 20
4617	61 50	4663	56 00	4709	498 31
4618	271 70	4664	60 00	4710	73 92
4619	20 00	4665	56 00	4711	730 20
4620	127 03	4666	54 00	4712	129 88
4621	101 96	4667	52 00	4713	35 06
4622	63 85	4668	202 30	4714	56 28
4624	63 50	4669	202 30	4715	20 00
4625	107 00	4670	9 76	4716	53 65
4626	46 77	4671	78 00	4717	31 80
4627	60 40	4672	173 40	4719	31 80
4628	432 65	4673	144 50	4720	23 85
4629	31,087 05	4674	74 90	4724	69 00
4630	2,080 31	4675	5 85	4728	52 00
4631	126 00	4676	47 70	4729	471 76
4632	465 33	4677	25 00	4730	676 43
4633	1,488 15	4678	23 85	4731	818 87
4634	150 60	4679	23 85	4732	51 00
4635	13,729 21	4680	222 60	4733	121 35
4636	2,374 02	4681	95 40	4734	851 15
4637	67 73	4682	62 80	4735	1,924 82
4638	559 74	4683	71 55	4736	53,997 39
4639	792 63	4684	140 70	4737	51,697 72
4640	686 82	4685	120 50	4738	100 10
4641	890 45	4686	432 31	4739	158 94
4642	510 03	4687	233 73	4740	45 00
4643	126 36	4688	1,564 35	4741	15 00
4644	57 50	4689	397 50	4742	2,341 42
4645	6,013 58	4690	6 62	4743	970 77
4647	22,230 62	4691	63 60	4744	108 41
4648	123 84	4692	63 60	4745	127 14
4649	38,833 00	4693	63 60	4746	811 00
4650	15 00	4694	55 00	4747	49 22
4651	188 46	4695	62 29	4748	61 90
4652	40 00	4698	95 40	4749	191 10
4653	40 00	4699	46 58	4750	117 76
4654	20 00	4700	95 40	4751	35 30

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No of Warrant.	Amount.
4752	$ 3,477 29	4800	$ 388 05	4892	143 23
4753	39 75	4801	40 00	4893	121 73
4754	2,755 44	4802	27 26	4894	741 75
4755	44 56	4803	39 87	4895	183 63
4756	204 25	4804	44 89	4896	25 00
4757	329 15	4805	50 00	4897	15 00
4758	117 85	4806	9,342 59	4898	15 00
4759	1,683 37	4807	888 59	4899	50 00
4760	90 95	4809	214 83	4900	35 00
4762	1,120 22	4810	161 15	4905	1,130 40
4763	1,186 62	4811	305 60	4906	902 84
4764	39,366 73	4812	1,007 76	4907	701 93
4765	350 98	4813	8,498 73	4908	377 82
4766	71 56	4814	1,617 83	4909	166 38
4767	172 65	4816	18,362 79	4910	162 36
4768	56 85	4817	3,583 44	4911	711 22
4769	120 88	4818	607 83	4912	136 68
4770	178 95	4819	384 49	4913	566 96
4771	198 61	4820	1,476 80	4914	378 86
4772	983 52	4821	4,163 73	4915	680 11
4773	79 20	4822	1,332 51	4916	268 88
4774	61 88	4823	113 86	4917	963 87
4775	53 14	4824	916 97	4918	247 39
4776	51 20	4825	55 00	4919	524 68
4777	178 12	4826	72 00	4920	344 18
4778	337 00	4827	4,279 05	4921	177 12
4780	990 55	4828	1,373 69	4922	188 04
4783	545 29	4829	33 74	4923	315 37
4784	166 20	4830	246 83	4924	911 43
4785	1,387 80	4838	13 40	4925	406 53
4786	672 59	4853	15,449 25	4926	206 10
4787	2,054 28	4866	352 95	4927	202 30
4788	118 95	4868	72 72	4928	317 90
4789	42 75	4881	127 38	4932	491 30
4790	570 00	4882	248 94	4933	170 64
4791	81 05	4883	232 10	4934	60 00
4792	242 40	4884	89 78	4935	8,652 44
4793	1,490 12	4885	118 45	4936	718 50
4794	62 25	4886	64 80	4937	290 60
4795	798 37	4887	509 75	4938	719 48
4796	5,720 04	4888	481 95	4939	493 04
4797	1,754 68	4889	1,176 33	4940	715 01
4798	458 12	4890	109 65	4941	117 30
4799	226 47	4891	280 31	4942	147 50

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
4943	$ 1,781 66	4990	$ 164 16	5034	$ 129 36
4944	668 96	4991	598 14	5035	209 52
4945	551 30	4992	250 40	5036	418 51
4946	538 80	4993	137 64	5037	117 53
4947	369 72	4994	327 18	5038	401 38
4948	638 50	4995	319 66	5039	235 51
4950	17 75	4996	506 25	5040	495 23
4952	285 41	4997	776 29	5041	341 28
4953	467 59	4998	136 80	5042	20 00
4954	323 15	4999	252 27	5043	1,693 21
4955	285 43	5000	158 10	5044	14,419 77
4956	337 80	5001	189 60	5045	26,884 39
4957	176 90	5002	288 48	5046	61 88
4958	16,772 44	5003	154 76	5047	255 96
4959	29,134 20	5004	623 98	5048	483 48
4960	1,033 03	5005	610 33	5049	1,086 25
4962	1,517 76	5006	1,660 02	5050	864 33
4963	537 75	5007	851 05	5051	14,651 50
4964	95 19	5008	329 88	5052	558 84
4965	546 08	5009	1,237 58	5053	62,105 74
4966	172 92	5010	1,946 14	5654	141 28
4967	746 98	5011	213 66	5055	727 38
4968	1,010 32	5012	127 88	5056	61 88
4969	176 79	5013	1,585 60	5057	395 50
4970	185 79	5014	404 97	5058	113 76
4971	532 03	5015	391 05	5059	401 50
4972	490 88	5016	267 84	5060	12,492 64
4973	739 86	5017	869 50	5061	1,758 30
4974	552 36	5018	357 71	5062	2,682 45
4975	855 06	5019	741 08	5063	315 45
4976	126 18	5020	479 76	5064	734 91
4977	595 79	5021	347 89	5065	263 02
4978	865 63	5022	455 45	5066	2,201 97
4979	166 42	5023	296 95	5067	102 89
4980	170 82	5024	235 96	5068	9,024 96
4981	448 94	5025	266 43	5069	17,870 49
4982	567 52	5026	487 44	5070	10,146 51
4983	626 39	5027	137 27	5071	9,417 06
4984	350 69	5028	1,062 84	5072	709 19
4985	387 39	5029	306 47	5073	268 40
4986	132 40	5030	319 65	5074	306 25
4987	311 76	5031	200 99	5075	167 72
4988	216 27	5032	168 54	5076	983 23
4989	400 35	5033	259 40	5077	676 75

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5078	$ 800 75	5139	$ 10 80	5207	$ 764 59
5079	317 00	5145	231 47	5208	539 49
5080	295 75	5146	1,107 28	5209	560 63
5081	1,989 23	5150	242 40	5210	123 85
5082	133 32	5151	164 08	5211	205 46
5087	5,356 16	5152	70 32	5212	1,559 03
5088	43,385 40	5153	140 64	5213	1,220 95
5089	544,368 50	5154	117 20	5214	3,312 69
5091	9,044 99	5156	93 76	5215	273 85
5092	22,263 14	5162	23 85	5216	658 30
5094	219 00	5168	70 73	5217	2,972 89
5095	62 85	5169	93 76	5219	408 64
5097	4,903 92	5170	70 32	5220	385 55
5098	4,965 97	5171	281 28	5221	98 50
5099	2,495 11	5172	70 32	5223	424 25
5102	5,459 91	5173	328 16	5223	159 75
5103	5,262 80	5174	117 20	5224	730 50
5105	5,679 76	5175	140 64	5225	2,825 60
5106	14,073 99	5177	140 64	5226	545 49
5108	7,645 54	5178	70 32	5227	4,035 41
5110	14,359 34	5179	87 45	5228	158 51
5111	7,729 43	5180	71 55	5229	195 00
5112	75 00	5181	47 70	5230	15 90
5113	13,050 26	5182	230 55	5231	754 02
5114	2,668 45	5183	1,200 96	5232	327 50
5115	50,522 14	5184	31 80	5233	814 35
5117	17,069 50	5185	373 65	5234	323 74
5118	5,053 62	5187	15 90	5235	499 40
5119	11,357 25	5188	31 80	5236	260 00
5121	1,594 90	5189	55 65	5237	1,857 63
5122	93 00	5190	144 46	5238	1,491 79
5123	2,317 29	5193	45 00	5239	1,537 77
5124	27,374 65	5194	46 88	5240	164 50
5127	6,395 31	5195	75 00	5241	951 14
5128	39,889 95	5197	278 25	5243	531 24
5129	6,561 45	5198	39 75	5244	288 00
5130	7,929 51	5199	47 70	5245	400 06
5131	1,404 69	5200	103 35	5246	400 58
5132	13,671 59	5201	276 85	5247	316 05
5133	30,679 87	5202	421 35	5248	534 19
5135	10,517 65	5203	72 00	5249	130 55
5136	18,592 42	5204	632 50	5250	312 00
5137	5,462 42	5205	939 50	5252	1,851 50
5138	1,256 02	5206	302 40	5253	62 13

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5254	$ 183 75	5300	$ 63 60	5350	$ 452 32
5255	460 08	5302	8 57	5351	277 49
5256	791 70	5303	146 65	5352	313 70
5257	126 00	5304	224 41	5353	194 04
5258	143 68	5305	19,994 13	5354	364 20
5259	112 53	5306	1,062 10	5355	1,850 45
5260	86 80	5307	850 50	5356	734 50
5261	95 20	5308	1,784 60	5357	741 16
5262	470 23	5309	342 96	5358	647 17
5263	154 70	5315	413 40	5359	76,766 90
5264	357 35	5316	63 60	5361	20,556 80
5265	752 50	5317	3,884 33	5362	360 24
5266	242 65	5318	182 85	5363	16,527 86
5267	397 60	5319	138 45	5364	2,003 65
5268	238 48	5320	262 35	5366	9,625 09
5269	25 20	5321	143 10	5367	1,823 68
5270	334 95	5322	350 22	5368	2,062 78
5271	110 95	5323	3,197 04	5369	21,688 02
5272	522 03	5324	186 01	5370	6,036 05
5273	3,844 54	5325	2,059 25	5371	9,843 21
5274	370 16	5326	260 60	5372	17,785 77
5275	936 45	5327	350 05	5373	6,193 15
5276	2,452 42	5328	198 80	5375	159 00
5277	526 00	5329	86 65	5376	2,051 15
5278	891 38	5330	792 98	5377	2,532 36
5279	1,503 39	5331	295 90	5379	12,352 52
5280	1,551 03	5332	774 52	5380	6,260 76
5281	172 80	5333	224 50	5381	12,317 30
5282	831 50	5334	716 77	5382	18,800 12
5283	156 90	5335	2,588 70	5383	8,475 15
5284	2,039 37	5336	702 95	5384	15,042 48
5285	708 86	5337	1,342 47	5385	5,189 03
5286	452 14	5338	1,108 30	5386	1,354 08
5287	438 75	5339	651 59	5387	3,344 76
5288	269 64	5340	340 10	5388	13,434 90
5289	280 50	5341	180 20	5389	29,301 74
5290	282 00	5342	1,468 20	5391	4,780 11
5291	277 62	5343	686 42	5392	14,884 93
5292	348 94	5344	245 44	5393	854 84
5293	1,074 62	5345	992 99	5394	1,133 30
5294	158 67	5346	349 80	5395	1,895 34
5295	423 25	5347	904 88	5396	854 84
5296	4,330 77	5348	239 58	5397	877 97
5297	473 19	5349	199 80	5398	10,177 02

No. of Warrant.	Amount.	No. of Warrant.	Amount.	No. of Warrant.	Amount.
5399	$22,944 77	5418	$ 2,889 86	5439	$ 16,440 00
5400	12,458 35	5419	916 10	5440	12,280 40
5401	2,646 17	5420	18,315 26	5441	11,578 54
5402	1,853 07	5422	234 00	5442	15 60
5403	1,017 23	5423	24,938 35	5446	47 25
5404	1,420 37	5424	144 00	5447	2,338 71
5405	5,018 97	5426	7,878 58	5464	108 00
5406	7,208 87	5429	2,857 32	5466	4,333 00
5407	2,795 14	5430	3,277 16	5467	2,525 50
5408	80,976 06	5431	84 00	5468	51 00
5409	5,731 50	5432	14,885 26	5469	80 00
5410	5,416 80	5433	1,209 04	5521	4,587 00
5413	2,779 00	5434	13 00	5525	37 50
5414	1,296 69	5435	8 75	5578	13 50
5415	10,884 89	5437	329 58	5586	9 00
5417	795 08	5438	4,800 00		
Total					$2,630,425 33

The foregoing Special Assessments Expenditures have been used, as follows:

Paid Contractors for Paving, Curbing, Walling, filling, etc	$1,303,643 95	
Paid Contractors for Lamp Posts	17,467 17	
Paid Contractors for Sidewalks	13,914 84	
Paid Contractors for Water Service Pipes	35,153 56	
Paid Contractors for Drains	55,560 23	
Paid Costs	52,756 17	
Paid Inspectors	16,605 75	
Paid Abatements	320,879 02	
Paid Excess Refunded	187,583 97	
Paid Land and Building damage	620,771 67	
Paid Refunded Assessments	2,919 34	
Transferred to other Warrants	3,169 66	
		$2,630,425 33

Special Assessments on City Property.

Appropriation, Mar. 31, 1884			$ 2,050 00
Paid City and County Collectors for Sundry Assessments	$ 1,824 45		
		$ 1,824 45	
Transferred to General Fund, 1884		225 55	
		$ 2,050 00	$ 2,050 00

Street Lamp Fund, 1883.

Balance to the Credit of this fund, January 1, 1884			$ 342,077 79
Paid Peoples' Gas Light and Coke Co., for year ending Dec. 31, 1883	$180,232 59		
Paid Chicago Gas Light and Coke Co., for year ending Dec. 31, 1883	128,307 05		
Paid Illinois Street Gas Co. for lighting streets of Lawndale, for December, 1883	90 69		
		$ 308,630 33	
Proportion of Uncollected taxes of 1883		8,764 62	
Transferred to General Fund, 1884		24,682 84	
		$ 342,077 79	$ 342,077 79

Street Lamp Fund, 1884.

Appropriation, March 31, 1884			$ 339,275 00
From S. D. Baldwin, Supt. for testing meters			76 00
Paid Salary of S. D. Baldwin, Supt	$ 2,400 00		

Paid E. Colbert for time table	$ 60 00			
Paid Illinois Street Gas Co. for lighting Streets of Lawndale, for 1884.	1,167 56			
Paid Illinois Street Gas Co. for lighting Sundry Streets with Gasoline	47,271 43			
Paid Peoples' Gas Light and Coke Co. for 6 months ending June 30, 1884	98,815 47			
Paid Chicago Gas Light and Coke Co. for 6 months ending June 30, 1884	62,350 13			
Paid for Watchman at Test Meters	895 77			
Paid for printing, blanks, etc	63 98			
			$ 213,024 34	
Transferred to Department of Public Works, 1884			18,293 11	
Balance to the Credit of this fund, December 31, 1884			108,033 55	
			$ 339,351 00	$ 339,351 00

Suspense account.

From Sundry uncalled for Warrants deposited back		$ 1,543 85		$ 1,543 38
Paid amount of Sundry Warrants previously deposited back	$ 207 15		$ 207 15	
Transferred to General Fund, 1884			1,336 76	
			$ 1,543 85	$ 1,543 85

Taxes for Various Years, Collected during 1884, and Sources from Whence Derived.

Received From.	1869.	1870.	1871.	1872.	1873-'74.	Forfeitures.	1883.	1884.	Total.
Tax Deeds, 1872			$178 00	$ 1 30	2 81				$ 182 11
Tax Deeds, 1873	$251 25	$279 75	86 55	635 24					1,252 79
South Town Collector							$ 606,124 53	$200,000 00	806,124 53
West Town Collector							465,621 79		465,621 79
North Town Collector							233,554 81		233,554 81
County Collector					94	$334 07	2,964,539 41		2,964,874 42
Total	$251 25	$279 75	$264 55	$636 54	$ 3 75	$334 07	$4,269,840 54	$200,000 00	$4,471,610 45

The Erring Women's Refuge for Reform.

From One-half of the fines Collected by the City for Violation of Sec. 5, Chapter 25, Revised Ordinances.....			$ 793 00
Paid Erring Women's Refuge for Reform...	$ 793 00		
		$ 793 00	
		$ 793 00	$ 793 00

The House of Good Shepherd.

From One-half of the fines Collected by the City for Violation of Sec. 5, Chapter 25, Revised Ordinances.....			$ 793 00
Paid House of Good Shepherd.....	$ 793 00		
		$ 793 00	
		$ 793 00	$ 793 00

Washingtonian Home.

From Saloon Licenses collected during the year 1884, in accordance with an act of the General Assembly, Approved Feby. 16, 1867, Amended June, 1883.....			$ 20,000 00
Paid Washingtonian Home.....	$20,000 00		
		$ 20,000 00	
		$ 20,000 00	$ 20,000 00

Water Fund.

Balance to the Credit of this fund, January 1, 1884.....			$ 662,769 97

From Department of Public Works, as follows:		
For current rents, Tapping, Permits, etc	$1,203,560 07	
For Water Service Cocks	29,197 63	
For Water Pipe extension	6,870 96	
For Advances by private Parties	4,215 54	
For Water Meter Department	40,842 76	
For Deposits for Wrenches	720 00	
From City Collector for Delinquent tax	762 67	
From Redemption from Tax Sales made in Comptroller's office	16 00	
For Miscellaneous items	2,755 63	
		$1,288,941 26
Paid for Water Loan Interest	$264,928 65	
Paid for Water Service Cocks	30,736 17	
Paid for Lake Tunnel Crib	3,951 60	
Paid for Water Pipe extension	303,430 84	
Paid for Water Works repairs	72,526 50	
Paid for advances refunded	11,499 89	
Paid for West Division Pumping Works Extension	106,122 34	
Paid for operating expenses North Division Pumping Works	133,250 07	
Paid for operating expenses, West Division Pumping Works	69,354 20	
Paid for Meter department	41,581 91	

Paid for double Tax refunded	$3,022 07		
Paid for Water Works Shop and Stables	6,417 03		
Paid for Water office Expense, Salaries, etc.	103,861 22		
Paid for Miscellaneous Expenses	1,361 77		
		$1,152,044 26	
Balance to the Credit of this fund, December 31, 1884		799,666 97	
		$1,951,711 23	$1,951,711 23

BALANCE SHEET.

Assets.

NOTE.—The letters following the items refer to the schedule in following pages:

American Exchange National Bank, New York (being balance for payment of interest on City bonds	$	376,734 15
Buildings (B)		3,916,096 24
Fire Alarm, Police and Water Telegraph (D)		274,508 58
Fire Apparatus (C)		331,893 85
Police Furniture and Equipments, etc. (B)		92,433 79
Real Estate (E)		2,339,340 00
School Furniture (F)		134,525 00
Street Lamps and Posts (G)		426,823 65
Water Works		10,099,658 07
Wharfing Privilege Mortgages		41,319 54
Uncollected Taxes for the year 1884		4,672,456 60
Balance in City Treasury, December 31, 1884		1,575,041 46
		$24,080,830 93

Liabilities.

Bonds:		
Municipal, 4 per cent	$ 843,500 00	
Municipal, 6 per cent	186,000 00	
Municipal, 7 per cent	1,380,000 00	
River improvement, 7 per cent	2,608,000 00	
School, 7 per cent	1,105,500 00	
School Construction, 7 per cent	51,000 00	
Sewerage Loan, 4 per cent	458,000 00	
Sewerage Loan, 4½ per cent	489,500 00	
Sewerage Loan, 7 per cent	1,675,000 00	
Water Loan, 3 65-100 per cent	333,000 00	
Water Loan, 6 per cent	132,000 00	
Water Loan, 7 per cent	3,490,000 00	
		$12,751,500 00

Burr Jonathan Fund, Fuel account		$ 12,687 50
Burr Jonathan Fund, School account		342 84
Coupon Account in hands of American Exchange National Bank, N. Y., as follows:		
Municipal	$ 96,054 42	
River Improvement	88,205 70	
Sewerage Loan	75,400 73	
Water Loan	117,073 30	
		$ 376,734 15
Department of Public Works, 1884		479,889 21
City Hall Fund, 1884		64,182 96
Contingent Fund, 1884		6,344 92
Fire Department Fund, 1884		15,152 17
General Fund, 1884		1,588,287 99
Health Department Fund, 1884		3,849 97
Interest Account, 1884		36,808 88
Judgment Account, 1884		45,979 90
Police Fund, 1884		9,807 79
Public Library Fund, 1884		49,585 02
School Tax Fund, 1884		1,682,070 17
Sewerage Fund, 1884		1,685 40
Sewerage Tax Fund, 1884		4,564 91
Street Lamp Fund, 1884		108,033 55
House of Correction		76,362 70
Police Life and Health Insurance Fund		950 03
School Fund		1,160 56
Sinking Funds:		
General	$ 151,613 93	
River Improvement	49,171 02	
School	58,783 44	
Sewerage	53,650 16	
		$ 313,218 55
Special Assessment and Deposit Fund		235,820 87
Stock Account		4,971,439 16
Suspended Accounts		304,306 02
Trust Funds		84,000 00
Water Fund		799,666 97
Warrants on Treasurer:		
1883 and prior years and Special Funds	$ 26,391 31	
1884 Account	30,007 43	
		$ 56,398 74
		$24,080,830 93

NOTE.—The stock account shows the net increase in the value of city property, and the net decrease on bonded indebtedness, since the books were opened after fire of 1871. The following table will show the increase in the various items embraced in this account for the year 1884:

	1883.	1884.	Increase.
Buildings:			
Miscellaneous	$ 506,946 24	$ 506,946 24	
Fire	304,650 00	338,650 00	$ 34,000 00
Police	205,800 00	207,800 00	2,000 00
School	2,474,000 00	2,862,700 00	388,700 00
Real Estate:			
Miscellaneous	735,000 00	735,000 00	
Fire	215,005 00	220,005 00	5,000 00
Police	69,200 00	72,500 00	3,300 00
School	1,040,242 00	1,111,835 00	71,593 00
Fire Alarm Telegraph	245,660 91	274,508 58	28,847 67
Fire Apparatus	323,218 15	331,893 85	8,675 70
Police Furniture and Equipments, etc	88,419 09	92,433 79	4,014 70
School Furniture	131,925 00	134,525 00	2,600 00
Street Lamps and Posts	381,223 05	426,823 65	45,600 60
Water Works	9,695,956 48	10,099,658 07	403,701 59
	$16,417,245 92	$17,415,279 18	$998,033 26

WARRANTS ON THE TREASURY.

Outstanding Dec. 31, 1884, consist of the following:

	1883 and Prior Years.	1884.	Total.
Water Fund		$ 7,860 84	$ 7,860 84
Special Assessments		14,880 01	14,880,01
House of Correction		677 57	677 57
Contingent Fund		71 13	71 13
Jonathan Burr Fund		1 20	1 20
Police Life and Health Insurance		71 00	71 00
Sewerage Fund		68 66	68 66
Sewerage Tax Fund		1,662 50	1,662 50
Public Library Fund		432 79	432 79
Street Lamp Fund		520 77	520 77
City Hall Fund		75 39	75 39
Health Department Fund		3,577 70	3,577 70
General Fund	$2,066 93	872 10	2,939 03
Fire Department Fund	343 38	10,520 65	10,864 03
Department Public Works	37 25	7,024 79	7,062 04
School Tax Fund	158 25	1,100 11	1,258 36
Police Fund	223 75	4,151 97	4,375 72
	$2,829 56	$53,569 18	$56,398 74

Water Works.

Include lands, buildings, water pipes, land and lake tunnels, crib, pumping engines, machinery, etc., this estimate being the actual cost		$10,099,658 07

Trust Funds.

Consist of seventeen Chicago 6 per cent. Water Loan Bonds, Nos. 5,144 to 5,160 inclusive, and twenty-two Chicago 7 per cent. Sewerage Bonds, Nos. 2,692 to 2,695 inclusive, 2,704 to 2,711 inclusive, and 2,826 to 2,835 inclusive, $1,000 each		39,000 00
Also, fifty 5 per cent. Cook County Bonds—Nos. 92, 195, 206, 209, 211, 234, 236, 237, 239, 241, 252, to 259 inclusive, 262 to 281 inclusive, 478, 479, 480, 501, 542, 549 to 554 inclusive, and 566—of $500 each	$25,000 00	
Also, fifteen 5 per cent. Cook County Bonds—Nos. 43, 45, 174 to 178 inclusive, 244, 245, 252, 253, 256, 257, 258, 260—of $1,000 each (all held as investment by the Jonathan Burr Fund)	15,000 00	
		40,000 00
Four Chicago 7 per cent. Municipal Bonds, Nos. 132 L, 133 L, 940 R, 983 R, and one Chicago 6 per cent. Municipal Bond, No. 77 G, $1,000 each (held as an investment for the Police Life and Health Insurance Fund)		5,000 00
		$84,000 00

Schedule B.

Buildings—Miscellaneous.

City Hall (temporary), corner Adams and LaSalle St	$ 78,330 90
City Bridewell (or House of Correction)	353,024 64
Reform School buildings (due from Cook County)	50,000 00
Small Pox Hospital	24,090 70
Old Police Station, Union St. (brick)	1,500 00
Total (miscellaneous)	$506,946 24

"B."—Buildings Occupied by Fire Department.

South Division.

ENGINES, ETC.	LOCATION.	KIND OF BUILDING.	VALUATION.
No. 13—Steamer	19 Dearborn Street	Three-story brick	$ 12,500 00
No. 1—Steamer and No. 6—Hook and Ladder	218 and 220 Franklin Street	A double two-story brick	16,000 00
No. 10—Steamer and No. 1—Hook and Ladder.	82 and 84 Pacific Avenue	A double three-story brick	21,500 00
No. 21—Steamer	7 Taylor Street	Two-story brick	7,000 00
No. 8—Steamer	16 Archer Avenue	Two-story brick	7,500 00
No. 4—Hook and Ladder	284 Twenty-second Street	Two-story brick	8,000 00
No. 28—Steamer and No. 8—Hook and Ladder.	Deering Street, near Archer Avenue	Double two-story brick	11,000 00
No. 9—Steamer	2527 Cottage Grove Avenue	Two-story brick	8,000 00
No. 19—Steamer	3451 Cottage Grove Avenue	Two-story frame	2,500 00
No. 16—Steamer	287 Thirty-first Street	Two-story brick	8,000 00
No. 2—Steamer	14 Sanger Street	Two-story brick	6,800 00
No. 29—Steamer	Thirty-fifth Street, near Halsted	Two-story brick	7,000 00

West Division.

No. 15—Steamer	305 West Twenty-second Street	Two-story brick	7,000 00
No. 23—Steamer	52 Hinman Street	Two-story brick	6,500 00
No. 25—Steamer	127 Canalport Avenue	Two-story brick	7,000 00
No. 6—Steamer	147 Maxwell Street	Two-story brick	7,500 00
No. 18—Steamer and No. 5—Hook and Ladder.	438 and 440 West Twelfth Street	A double two-story brick	16,500 00
Hose Carriage	on city lot at Lawndale	A temporary frame building	350 00
No. 10—Hook and Ladder	524 North Halsted Street	Two-story brick building	10,000 00

No. 34—Steamer	19 South Curtis Street	Three-story brick building	12,000 00
No. 7—Steamer	31 Blue Island Avenue	Two-story brick	7,000 00
No. 5—Steamer and No. 2—Hook and Ladder	195 and 197 South Jefferson Street	A double two-story brick	14,500 00
No. 31—Steamer	Ogden and Winchester Avenues	Two-story brick	11,000 00
No. 24—Steamer	1004 West Madison Street	Two-story frame	2,500 00
No. 1—Chemical Engine	49 West Washington Street	Three-story brick	9,500 00
No. 17—Steamer	80 West Lake Street	Two-story brick	9,000 00
No. 12—Steamer	611 West Lake Street	Two-story brick	9,000 00
No. 26—Steamer and No. 7—Hook and Ladder.	140 and 142 North Lincoln Street	Double two-story brick	12,000 00
No. 2—Chemical Engine	86 West Erie Street	Two-story brick	5,000 00
No. 3—Steamer	237 West Chicago Avenue	Two-story brick	10,000 00
No. 30—Steamer	Jane Street, near Milwaukee Avenue	Two-story brick	11,000 00
No. 20—Steamer	36 Rawson Street	Two-story frame	2,000 00
North Division.			
No. 33—Steamer	150 Southport Avenue	Two-story frame and brick barn	3,500 00
No. 22—Steamer	454 Webster Avenue	Two-story frame	1,500 00
No. 4—Steamer	409 Larrabee Street	Two-story brick	7,000 00
No. 27—Steamer	437 North Wells Street	Two-story brick	7,000 00
No. 4—Steamer and No. 3—Hook and Ladder.	36 and 38 Chicago Avenue	A double two-story brick	15,500 00
No. 3—Hook and Ladder and Chemical Engine	179 E. Erie Street	Three-story brick building	12,000 00
No. 11—Steamer	225 Michigan Street	Two-story brick	7,000 00
Total			$338,650 00

Buildings Occupied for Police Stations.

STATIONS.	LOCATION.	KIND OF BUILDINGS.	VALUATION.
First Precinct.			
Harrison Street Station	Corner Harrison and Pacific Avenue	Two-story brick and brick barn	$ 39,000 00
Twenty-second St. Station	282 Seventy-second Street	Two-story brick and frame barn	10,000 00
Cottage Grove Ave. Station	171 Cottage Grove Avenue	Two-story brick and brick barn	12,000 00
Thirty-fifth Street Station	Corner Halsted and Thirty-fifth Streets	Two-story frame and frame barn	1,800 00
Second Precinct.			
West Twelfth Street Station	West Twelfth and Johnson Streets	Two-story brick and brick barn	16,000 00
Hinman Street Station	Corner Hinman and Paulina Streets	Two-story brick and brick barn	12,000 00
Deering Street Station	2913 Deering Street	Two-story frame and brick barn	3,500 00
Third Precinct.			
Desplaines Street Station	Corner Desplaines and Waldo Place	Three-story brick	49,500 00
Union and Eagle St. Station	Corner of Union and Eagle Streets	Two-story brick barn	4,000 00
West Madison Street Station	1046 West Madison Street	Two-story brick station house	3,000 00
West Lake Street Station	609 West Lake Street	Two-story brick and brick barn	8,000 00
Fourth Precinct.			
West Chicago Ave. Station	233 West Chicago Avenue	Two-story brick and brick barn	7,500 00
West North Ave. Station	482 West North Avenue	2-story brick station house and barn.	5,500 00
Rawson Street Station	Rawson St., near Wright Street	Two-story frame	1,000 00
Fifth Precinct.			
Chicago Avenue Station	Chicago Avenue, near North Clark Street	Two-story brick and brick barn	22,000 00
Larrabee Street Station	North Avenue and Larrabee Street	Two-story brick and brick barn	12,000 00
Webster Avenue Station	452 Webster Avenue	Two-story frame	1,000 00
Total value of buildings (Department of Police)			$207,800 00
Total value of furniture, supplies, stocks and apparatus			92,433 79

Schedule C.

Fire Apparatus.

39	Steam Fire Engines		$155,550 00
7	Chemical Engines		9,000 00
1	Stand Pipe and Water Tower		5,000 00
34	Steam Engines Heaters		5,000 00
12	Hook and Ladder Trucks		23,000 00
18	Four-Wheel Hose Carriages		9,000 00
22	Two-Wheel Hose Carriages		10,000 00
5	Supply Wagons		1,200 00
5	Fuel Wagons		2,000 00
9	Exercise Wagons		675 00
6	Light Fire Wagons		900 00
7	Concord Buggies		1,500 00
7	Concord Fire Wagons		1,200 00
199	Horses		39,800 00
72	Setts Double Harness		3,240 00
36	" Single "		1,368 00
199	Horse Blankets		1,592 00

14,910	Feet 2½ inch Hose, Good Rubber,	@$.100	$14,910 00	
5,987	" 2½ " " Fair "	@ 50c	2,993 50	
250	" 3½ " " " "	@ $1.25	312 50	
3,900	" 2½ " " Poor "	@ 25c	975 00	
25,047	feet Total Rubber Hose			$ 19,191 00
6,200	" 2½ " " Good Cotton,	@ 90c	5,580 00	
350	" 3½ " " " "	@ $1.40	490 00	
2,500	" 2½ " " Fair "	@ 50c	1,250 00	
9,050	feet Total Cotton Hose			$ 7,320 00
2,100	" Hose, Good Chemical,	@ 50c	1,050 00	
350	" " Fair "	@ 35c	122 50	
2,450	feet Total Chemtcal Hose			$ 1,172 50
5,300	" 2½ inch Hose, Good Leather, @ $1.00			5,300 00
409	Cottage Bedsteads, @ $6.50			2,658 50
409	Bedsprings, @ $3.15			1,288 45
59	Office Desks, @ $10.00			590 00
62	Center Tables, @ $5.00			310 00

48	Clocks, @ $10.00	480 00
76	Mirrors, @ $5.50	418 00
64	Stoves—Large, @ $10.00	640 00
	Department Badges	450 00
10	" " @ $10.00	100 00
	Cap Devices	195 00
36	City Maps, @ $12.00	432 00
	Fire Pumps	25 00
	Hose Oiler	25 00
	Tools for mending hose	150 00
	Spanners	10 04
	Hay Forks	55 00
	Manure Forks	70 00
	Stable Furniture	1,800 00
	Iron Jacks	56 00
	Wooden Jacks	125 00
140	Gross Uniform, @ $7.00	980 00
14	Dozen Hand Lanterns	200 00
143	Nozzles, @ $5.00	715 00
77	Hose Pipes, @ $10.00	770 00
44	Relief Valves	6,150 00
	Large Shovels	154 00
	Small Shovels	12 00
	Slates	14 00
	Crow Bars	75 00
	Dozen Coal Hods	100 00
	Dozen Sprinkling Cans	40 00
5	Gross Harness Snaps, @ $10.00	50 00
100	Hydrant Wrenches	150 00
12	Oil Tanks, @ $11.00	132 00
	Tools	50 00
	Test Pump and Guage	25 00
	Gas Pump and Guage	25 00
	Engine Patterns	5,250 00
	Extra Engine Poles	200 00
	Rope	1,000 00
	Office Fixtures	10 00
	6 Sets Automatic Siamese Couplings	600 00
	Tools and Machinery at Repair Shops	1,000 00
	Patent Store Door Openers	420 00
	Pompier Ladders	600 00
	Holland Play Pipe	200 00
	Life Saving Gun	85 00
		$331,893 85

Schedule D.

Fire Alarm Telegraph.

Telegraph Lines	$ 30,750 00
Cable under river at Archer Avenue	567 66
Cable under river at Chicago Avenue	332 00
Cable under river at Washington Street	2,115 38
Cable under river at Division Street	846 50
Cable under river at Clybourn Place	97 50
Cable under river at La Salle Street	3,612 00
Lighting Arresters at Cables and Tunnels	700 00
266 Automatic Signal Boxes, $250 each	66,500 00
200 Automatic Signal Boxes, @ $247 50 each	49,500 00
45 Automatic Signal Boxes, @ $150 each	6,750 00
43 Engine House Gongs, @ $250 each	10,750 00
7 Engine House Gongs, @ $150 each	1,050 00
2 Engine House Gongs, @ $25 each	50 00
2 Engine House Gongs, @ $12.50 each	25 00
13 Bell Strikers, @ $1,500 each	19,500 00
13 Alarm Bells	9,700 00
Marshall's Line Instruments	480 00
15 Police Dial Instruments, @ $200 each	3,000 00
5 Printers (Gray's Patent), 2 @ $250 and 3 @ $200 each	1,100 00
Battery	4,098 00
3 Office Desks	60 00
2 City Maps	20 00
Tools	900 00
6 Office Chairs	11 00
Central Office Apparatus	11,215 00
46 Jokers and Instruments, @ $200 each	9,200 00
172 Tooker Doors	16,700 00
Underground Telegraph system	24,878 54
	$274,508 58

Schedule E.

Real Estate Occupied by Fire Department.

HOW OCCUPIED.	DESCRIPTION.	SUB-LOT OR LOT.	LOT OR S. BLOCK.	BLOCK	SIZE.	VALUATION.
Eng. No. 1 and H. & L. No. 6 house,	School Section Addition	S. 66 ft.	N. ¾ 1 & 2	83	66x100 ft.	$ 33,000 00
Engine No. 2 house	South Branch Addition		14	13	43x140 ft.	2,000 00
Engine No. 3 house	Ogden's Addition	W. 30 ft.	3, 4 & 5	42	30x121 ft.	5,000 00
Engine No. 4 house	Sheffield's Addition: N. 30 ft. of S. 50 ft.		5	1	30x117 ft.	5,000 00
	N 30 ft. of S. 50 ft. of	1	6 & 7	1		
Eng. No. 5 and H. & L. No. 2 house,	School Section Addition		11	28	50x150 ft.	10,000 00
Engine No. 6 house	Brainard & Evans' Addition		26	8	25x110 ft.	2,500 00
Engine No. 7 house	S. E. ¼ Sec. 17, T. 39, R. 14		13	1	25x100 ft.	5,000 00
Engine No. 8 house	S. E. ¼ Sec. 21, T. 39, R. 14	E. 25 ft.	7	32	25x130 ft.	6,000 00
Engine No. 9 house	W. ½ Sec. 27, T. 39, R. 14	S. ½	1	66	30x120 ft.	6,000 00
Eng. No. 10 & H. & L. No. 1 house,	School Section Addition		14 & 17	113	100x105 ft.	Leased of School Fund.
Engine No. 11 house	Kinzie's Addition	E. ½	8	12	25x100 ft.	6,200 00
Engine No. 12 house	Section 7, T. 39, R. 14	W. ½ 1	4 & 5	49	30x144 ft.	6,000 00
Engine No. 13 house	Original Town	7	5, 6 & 7	16	L. 6x30 ft. & 36½x80 1 8/10 ft.	24,000 00
Eng. No. 14 & H. & L. No. 3 house,	Higgins, Law & Co.'s Addition		4 & 5	4	48x130 ft.	8,400 00
Engine No. 15 house	Walsh's Sub-division in S. E. ¼ Sec. 20, T. 39, R. 14	12 ft. of 17	18 & W. 12 ft. of 17	E. ½ 22	23x202 ft. 12x100 ft.	3,500 00
Engine No. 16 house	C. T. Sub-division, Sec. 33, T. 39, R. 14; Boone, Jones & Kiefer's Sub. of N. ¾ of block 1 and lot 49, in S. ¼ of block 1, and E. 75 ft. of block 2		23		35x114 ft.	4,000 00

Engine No. 17 house	Original Town	1	6 & 7	24	30x140 ft.	10,000 00	
Engine No. 18 and H. & L. No. 5 house	Waller's Sub-division, N. W. ¼ N. E. ¼ Sec. 20, T. 39, R. 14	-------	14 & 15	6	50x124 ft.	8,000 00	
Lawndale Hose Co	Chas. Mowry's Sub-division, E. ½ N. W. ¼ of W. ½ N. E. ¼ Sec 26, T. 39, R. 13; Kesler Hair's Sub-division of that part of block 3 No. of C., B. & Q. Railway	-------	17 & 18	3	34.6x69.5 feet 125x 129 feet.	450 00	
Hook and Ladder No. 10	Elston's Addition	38	-------	72	25x209.75	1,500 00	
Unoccupied	D. S. Lee's Addition: E. 22 25-100 ft. of lots 47 and 48, except 30 ft. square off the south-east corner thereof	48	-------	1	----------	1,500 00	
Engine No. 19 house	S. ½ of N. E ¼ Sec. 34, T. 29, R. 14, Oakenwalk	N. 25 feet.	12	S. Tier	25x122 ft.	2,500 00	
Engine No. 20 house	Sheffield's Addition	½ of 53	3	18	25x115 ft.	1,000 00	
Engine No. 21 house	School Section Addition	E. 24 ft.	20 & 23	133	24x100 ft.	5,000 00	
Engine No. 22 house	C. T. Sub-division, Sec. 33, T. 40, R. 14	14	2	12	24x124 ft.	2,000 00	
Engine No. 23 house	Sec. 19, T. 39, R. 14	-------	47	63	25x125 ft.	1,275 00	
Engine No. 24 house	Rockwell's Addition	4	4	8	33x122 ft.	3,000 00	
Engine No. 25 house	C. T. Sub-division, W. ½ Sec. 21, T. 39, R. 14	10	2	38	25x120 ft.	3,750 00	
Eng No. 26 and H. & L. No. 7 house	Sec. 7, T. 39, R. 14	N. 63 ft.	1	6	30	63x 90 ft.	3,780 00
Engine No. 27 house	Bronson's Addition	1 & 2	189	------	44x100 ft.	5,500 00	
Eng. No. 28 and H. & L. No. 8 house	S. frac. Sec. 29, T. 39, R. 14	22 & 23	3	20	50x113 ft.	2,000 00	
Engine No. 29 house	Sec. 33, T. 39, R. 14	41 & 42	2	S. ½ 9	49. 5x136 ft.	2,100 00	
Engine No. 30 house	C. T. Sub-division, W. ½ Sec. 5, T. 39, R. 14	46	2	15 & N. W. ½ 18	24x125 ft.	1,400 00	
Engine No. 31 house	Codwise's Sub. Sec. 18, T. 39, R. 14	11	N. part 1	13 to 16	24x120 ft.	1,250 00	
Engine No. 33 house	Sheffield's Addition	17	12	13	25x125 ft.	900 00	
Chemical Engine No. 1 house	Original Town	1	9	46	30x 76 ft.	18,000 00	

Schedule E.---Continued.

Real Estate Occupied by Fire Department.

HOW OCCUPIED.	DESCRIPTION.	SUB-LOT OR LOT.	LOT OR S. BLOCK.	BLOCK	SIZE.	VALUATION.
Chemical Engine No. 2 house	Ogden's Addition	W. ½	3	33	29x 90 ft.	2,000 00
Hook and Ladder No. 4 house	E. fraction S. E. ¼ Sec. 21, T. 39, R. 14	W. ½ 40 / 41 & 42	2 to 5	45	36x142 ft.	3,000 00
Chemical Engine No. 4 house	Newberry's Addition		14	3	25x100 ft.	3,500 00
Formerly old Engine No. 3 house	Newberry's Addition	19 & 20	19 & 20	12	40x100 ft.	5,000 00
Engine No. 34 house	Carpenter's Addition	27	43			5,000 00
Total						$220,005 00

Schedule E Continued.—Real Estate Occupied for Police Purposes.

HOW OCCUPIED.	DESCRIPTION.	SUB-LOT.	LOT.	BLOCK.	SIZE.	V'LUATION
First Precinct.						
Harrison Street Station	Lot owned by School Fund					
Twenty-second Street Station	C. T. Sub-division E. ¼ Sec. 21, T. 39, R. 14 E ½	40 to 42	2 to 5	45	36x148 ft.	$ 4,000 00
Cottage Grove Avenue Station	C. T. Sub-division, W. ½, Sec. 27, T. 39, R. 14	No. ½	1	66	30x137 ft.	6,500 00
Second Precinct.						
West Twelfth Street Station	C. T. Sub-division, S. E. ¼ Sec. 17, T. 39, R. 14		11	29	33x100 ft.	4,000 00
Hinman Street Station	Sec. 19, T. 39, R. 14		48	63	25x125 ft.	2,000 00
Deering Street Station	C. T. Sub-division, Sec. 29, T. 39, R. 14	2	20	26	25x120 ft.	1,500 00
Third Precinct.						
Desplaines Street Station	Original Town	S. 60 ft.	1 to 7 E 4 ft. 8	67	60x144 ft.	14,500 00
Lot on North Union Street	Original Town				34x 81 ft.	4,000 00
West Lake Street Station	C T. Sub-division, Sec. 7, T. 39, R. 14.	E. ½ 1	4 & 5	49	30x145 ft.	6,500 00
Fourth Precinct.						
West Chicago Avenue Station	Odgen's Addition	E. part	3, 4 & 5	42	31x121 ft.	2,500 00
West North Avenue Station	W. 31 ft. E., Lots 47 and 48, B. 1, D. S. Lee's Addition to Chicago				31x162 ft.	1,500 00
Rawson Street Station	Sheffield's Addition	½ of 53	3	18	25x115 ft.	1,000 00
Fifth Precinct.						
Chicago Avenue Station	Wolcott's Addition		17	35	40x130 ft.	10,000 00
	E. ½, Lot 16, Block 35, Wolcott's Addition				20x130 ft.	4,500 00
Lot adjoining Chicago Ave. Station		S. 20 ft.	5, 6 & 7	1	20½ x 117¾ feet.	6,000 00
Larrabee Street Station	Sheffield's Addition	S. 20 '1		1		
Lot in rear of Larrabee St. Station	Sheffield's Addition				20x 50 ft.	2,000 00
Webster Avenue Station	C. T. Sub-division, Sec. 33, T. 40, R. 14.	E. 15	S. Blk. 2	12	20x 24 ft.	2,000 00
Total Real Estate occupied by Department of Police						$72,500 00

Schedule E.—Continued.

Real Estate.—Miscellaneous.

HOW OCCUPIED.	DESCRIPTION.	BLOCK.	LOT.	SIZE.	VALUATION.
Formerly part of Dearborn School, now leased by W. H. Rand	Original Town W. 50 ft.	7	58	50x159 ft.	$ 75,000 00
Formerly Police Station, W. D	Original Town N. 34 ft.	32 to 35	65	34x 80 ft.	6,000 00
Formerly used by Fire Department	School Section W. 28 ft.	22	46	28x82½ ft.	5,000 00
Formerly Armory Station	School Section N. 58 ft.	1 & 2	83	58x100 ft.	38,000 00
Union Park—978 feet on Ashland Ave.; 439 feet on Warren Ave.; 713 feet on South Western Ave.; 644 feet on Bryan Place; 393 feet on West Lake Street; being about 14 60-100 acres	Union Park Addition				375,000 00
Old North Market Ground, now leased, free of rent, to Cook County, for Criminal Court and Jail	Wolcott's Addition	10 to 13 & 23 to 26	7	102x218 ft.	30,000 00
Jefferson Park—About 596 feet on West Monroe and Adams Streets, by 397 feet on Throop and Loomis Streets	C. T. Subd'n W. ½ and W. ½ N. E. ¼ Sec. 17, T. 39, N. R. 14		10		100,000 00
House of Correction	That part of E. ½ of S. W. ¼ of Sec. 25, T. 39, R. 13, lying N. of west branch of the south branch of the Chicago River, about 58 acres				58,000 00
Quarantine Grounds, a small portion now used for South Division Pound	C. T. Subd'n, Sec. 33, T. 39, R. 14			65 ft. on 33d by 1263 feet and 457 ft. on 33d st. by 544 ft. on Wentworth ave	48,000 00
	That part E. of R. R. of lot		15		
	Also, the N. ½ of said Lot 15 W. of R. R. except S. 1 acre thereof, about 8 66-100 acres				

North Division Pumping Works.—That part of Block 21, in C. T. Subdivision, Sec. 3, T. 39, R. 14, lying East of the East line of Pine street.

West Division Pumping Works.—Walker's Dock Addition Lots 1, 2, 3, 4 and 41, in Block 10.

Reservoir lots occupied by City Hall Building.—School Section Addition Lots 33 to 50 inclusive, of Block 116, size 177.6 by 173.3.

All right and interest of the city of Chicago, in and to the following described property, to-wit: Part of S. E. ¼ of Section 28, T. 40, R. 14; part of E. ½ of Section 33, T. 40, R. 14; part of S. W. ¼ of Section 34, T. 40, R. 14; also lands East of Michigan Avenue, South of Randolph Street and North of Twelfth Street.

N. E. ¼ of Section 25, T. 39, R. 12. Also Lot 1 in the partition of Commissioners appointed by the Circuit Court of Cook Co., Ill., of the West part of the N. W. ¼, and the West part of the S. W. ¼ of Section 30, T. 39, R. 13, containing in all 254 acres more or less, and known as Atwood Place Farm.

65 Acres of the West 100 acres of the S. W. ¼ of Section 35, T. 39, R. 12.

Total Miscellaneous Real Estate..... $735,000 00

Schedule F—Real Estate, Buildings, Heating

School.	Description of Lot.	Sub-Lot.	Lot.	Block.
N. Div. High	Johnson, Roberts & Storrs' Add		5, 6, 7, 8, 16 & 17	9
S. Div. High	Assessor's sub-div. B. 81 and 82 Canal Trustees' Sub-div. of W. ½ Sec. 27, 39, 14		15	
W. Div. High	Duncan's Addition		14 to 16	7
Armour Street	Bickerdike's Addition	14 to 23	1 to 15	14
†Arnold	Canal Trustees, Sub-div.		38, 39, 42, 43, 46, 47, 50, 51, 54.	26
†Brenan	Canal Trustees, Sub-div.	28, 31, 32, 35, 36, 39, 40, 43, 44, 47 & 48	Healy Bros. Sub. of part of 1 and 2.	24
Brighton	C. T. Sub. E. ½ Sec. 31, 39, 14	W. 267 ft.	of E 300 ft.	24
Brown	C. T. Sub. Sec. 7, 39, 14	7 to 12	2	63
Burr	Sheffield's Addition		N. E. ¼.	25
Calumet Ave	C. T. Sub. W. ½ Sec. 27, 39, 14	1 and 2	7 to 10, 11, 12	84
Carpenter	Assessor's Div. E. ½ N. W. ¼ Sec. 8, 39, 14	E. 213 ft.	S. B. 6	1
Central Park	D. S. Lee, et al. Sub. S. W. ¼ Sec. 12, 39, 13	5 to 12	S. B. 3	8
Clarke	Section 19, 39, 14		20 to 30	16
Cottage Grove	Ellis' West Addition	8 to 15	1 and 2	4
Division and Cleaver Sts	Chatfield's Addition		32 to 37	2
Dore	School Section Addition		17 to 20	6
Douglas	Tyler's Sub in Sec. 34, 39, 14		39 to 48	2
Elizabeth Street	Magie & High's Addition		17 to 24	2
Emerson	C. C. Robinson's Sub-div. of Canal Trustees, Sub div		E 7 ft of 21, 22, 23 & 24	47
Foster	C. T. Sub. N. W. ¼ Sec. 21, 39, 14,		7 and 8	68
Fourt'nth St. W	C. T. Sub. N. W. ¼ Sec. 21, 39, 14,		5 and 6	56
*Franklin	Bronson's Addition, S. 264 ft.		207	
Garfield	Brand's Addition		10, 12, 14 16, 18, 20, 22, 24, 26, 28 and 30	19
Haven	Assessor's Div. N. W. ¼ Sec. 22, 39, 14	N. 150 ft.		
			2	18
Hayes	C. T. Sub. Sec. 7, 39, 14	1 to 12 & 51	2	42
Headley	Sheffield's Addition	41 to 48	6	13
Holden	S. Frac. Sec. 29, 39, 14	S. 200 ft.	5	26
Huron Street	Butler, Wright & Webster's Add		1 to 6 & 12 ft. E. of 1	13

Apparatus and Furniture used for School Purposes,

Size of Lot.	Value of Lot.	Class of Building.	Value of Building.	Value of Heating Apparatus.	Value of Furniture.	Total Estim'd Value of School Property.
$219\frac{81}{100}$x109	$ 25,300	3 s brick	$ 60,000	$ 7,000	$ 3,000	$ 95,300
$157\frac{8}{100}$x$181\frac{1}{4}$	35,325	3 s brick	80,000	8,000	2,500	125,825
150x118	20,650	3 s brick	40,000	6,000	2,000	68,650
170x150	6.800	3 s brick	40,000	6,000	2,000	54,800
198x124	11,880	3 s brick	44,000	2,500	-------	58,380
275x109	8,500	3 s brick	42,000	2,500	-------	53,000
267x134	6,000	3 s brick	35,000	4,500	1,250	46,750
266x122	30,590	3 s brick	25,000	4,500	1,500	97,590
		3 s brick	30,000	4,500	1,500	
$298\frac{65}{100}$x$298\frac{1}{10}$	10,000	3 s brick	30,000	2,000	1,500	43,500
146x$177\frac{3}{4}$	18,250	3 s brick	30,000	2,000	1,500	51,750
213x205	11,000	4 s brick	40,000	6,000	2,000	59,000
209x150	5,225	3 s brick	40,000	6,000	1,250	52,475
$264\frac{3}{10}$x144	19,800	3 s brick	40,000	6,000	2,000	67,800
200x231	23,000	3 s brick	40,000	6,000	2,000	83,500
		3 s wood	10,000	1,500	1,000	
149x125	7,450	3 s brick	35,000	800	1,500	44,750
200x111	25,000	4 s brick	40,000	6,000	2,000	73,000
250x125$\frac{45}{100}$	22,500	4 s brick	40,000	6,000	2,250	70,750
207x165	20,700	3 s wood	10,000	1,000	1,500	33,200
157x111$\frac{4}{10}$	14,000	3 s brick	48,500	4,850	3,000	70,350
200x173	15,000	2 s wood	1,000	50	200	47,050
		3 s brick	25,000	800	1,500	
		2 s wood	3,000	100	400	
200x173	12,000	3 s brick	30,000	1,800	1,500	45.300
264x181	*	3 s brick	30,000	3,000	1,500	74,500
		3 s brick	35,000	3,000	2,000	
257x$\frac{85}{100}$x9	10,280	3 s brick	35,000	2,500	1,500	49,280
150x170	37,500	4 s brick	71,500	6,775	-------	115,775
267x140	13,350	4 s brick	40,000	6,000	2,000	61,350
195x125	5,850	3 s brick	35,000	1,000	1,500	43,350
200x316$\frac{8}{10}$	10,000	4 s brick	40,000	6,000	2,000	58,000
162x100	13,770	3 s brick	35,000	4,500	1,500	54,770

Schedule F.—

School.	Description of Lot.	Sub-Lot.	Lot.	Block.
Irving	Flourney's Re-sub. of Jones & Patrick's Sub		30 to 37	3
Jackson St. W.	Lowther's Sub. E. ½ N. E. ¼ Sec. 13, 39, 13		19 to 26	4
Jefferson	Canal Trustees, Subdivision		85 to 92	49
Jones	School Sec. Add		26 to 32	136
Keith	Hannah Busby's Sub. and part of S. W. ¼ Blk. 16, C. T. Sub. Sec. 33, 39, 14		1 to 8 and N. 8 ft. of 9	
King	Rockwell's Addition	2 to 9	22 S. ½ 19	5
Kinzie	Wolcott's Addition		1, 2, 3, 12	20
	Newberry's Addition		13, 14	5
†Knud Langdon	Pierce's Addition to Holstein		36 to 41	6
La Salle	North Addition	14 to 21	35 to 37 and part of 34	
Lawndale	Millard & Decker's Sub. E½ of the E ½ N. W. ¼ Sec. 26, 39, 13		25 to 32	1
Lincoln	C. T. Sub. Sec. 33, 40, 14		2	E. ½ 6
Lincoln Street	C. T. Sub. Sec. 7, 39, 14		76 to 84	14
Longfellow	Stewart's Sub. of Johnson & Lee's Sub. S. W. ¼ Sec. 20, 39, 14		86 to 94	9
Marquette	Ashland 2d Addition		1 to 10	24
Moseley	C. T. Sub. W. ½ Sec. 27, 39, 14		E. ½	34
†Motley	Taylor's Sub-div. of Blk. 1 of Assessor's Sub.-div.		10 to 17	4
Newberry	Sheffield's Addition	Part of	17 and 18	2
Oak Street	Roger's Sub. Sec. 4, 39, 14		20 to 26	14
Oakley	C. T. Sub. Sec. 7, 39, 14		N. W. Cor.	23
Ogden	Bushnell's Addition		1	1
Pearson St.	Johnston, Roberts & Storrs' Add.		1 to 5	35
Pickard	Section 19, 39, 14		1 to 8	S. ½ 57
Polk Street	School Section Addition		42 to 47	17
Raymond	Freeman's Addition		27 to 32 and W. ¼ 26	B
Sangamon St.	Ogden's Addition		12 to 16	14
*Scammon	School Section Addition		21	1
Sheldon	Assessor's Div. of N. 200 ft. of B. 17, Bushnell's Addition		6	17
Sheridan	Davis' Sub. W. ½, E. ½ S. W. ¼. Sec. 28, 39, 14		8 to 15	4
Skinner	Canal T. Sub. W. ½, etc., Sec. 17, 39, 14		7	14
Third Avenue				
Thirt'nth St., W.	Sampson & Green's Addition		13 to 19	8
†Thomas Hoyne	Kinzie's Addition		N. ½ of 4 5 and 6	11

Continued.

Size of Lot.	Value of Lot.	Class of Building.	Value of Building.	Value of Heating Apparatus.	Value of Furniture.	Total Estimated Value of School Property.
192x125	$ 8,000	3 s brick	$ 50,000	$ 2,000	$ 2,500	$ 62,500
200x121	6,000	3 s brick	40,000	6,000	2,000	54,000
200x104 5/10	7,575	3 s brick	48,500	5,800	3,000	64,875
175x100	52,500	4 s brick	40,000	6,000	2,000	100,500
200x122 10/100	15,000	3 s brick	50,000	2,000	2,500	69,500
196x158	9,800	3 s brick	30,000	1,000	1,750	42,550
172x100 87 1/10x100	24,875	3 s brick	25,000	2,000	1,500	53,375
144x100	2,000	3 s brick	35,000	2,200	-------	39,200
200x125	12,000	3 s brick	40,000	6,000	2,000	60,000
200x124 87/100	2,400	2 s brick	30,000	1,000	1,000	34,400
150 1/3x297	16,555	3 s brick	40,000	6,000	2,250	64,805
216x123 7/10	6,480	3 s brick	30,000	2,000	1,500	39,980
210x125 5/10	7,875	3 s brick	40,000	2,000	2,000	51,875
241x125 87/100	12,050	3 s brick	40,000	6,000	2,000	60,050
200x179	89,550	3 s brick 3 s brick	25,000 35,000	3,000 3,000	2,000 2,000	159,550
192x100	8,200	3 s brick	44,000	2,500	-------	54,700
200x148 6/10	11,000	4 s brick	40,000	6,000	2,500	59,500
186 1/3x100	11,795	3 s brick	35,000	4,500	1,500	52,795
205x125	5,125	3 s brick	40,000	6,000	2,000	53,125
178 1/3x106 1/3	26,775	3 s brick	55,000	3,000	3,000	87,775
239x108	23,120	3 s brick	25,000	2,000	1,500	51,620
199 1/4x125	5,000	3 s brick	30,000	800	1,500	37,300
150x120	6,750	3 s brick	30,000	1,800	1,500	40,050
130 9/10x162 1/3	15,700	3 s brick	35,000	4,500	1,500	56,700
200x116	22,200	3 s wood 3 s brick 3 s stone	5,000 40,000 30,000	200 2,000 4,500	750 2,000 1,500	72,150
288 99/100x189	*	3 s brick 2 s wood	25,000 1,500	800 50	1,500 150	65,000
150x200	36,000	3 s brick	30,000	800	1,500	68,300
200x124 9/10	8,500	3 s brick	40,000	6,000	2,000	56,500
145x189	21,750	4 s brick	40,000	7,000	2,500	71,250
----------	----------	----------	---------	800	1,500	2,300
175x124	5,250	3 s brick	35,000	4,500	1,500	46,250
150x109	33,000	3 s brick	45,000	5,300	------	83,30$_0$

Schedule F—

School.	Description of Lot.	Sub-Lot.	Lot.	Block.
Throop	Johnson & Lee's Sub. S. W. ¼ Sec. 20, 39, 14		86 to 93	8
Vedder Street	Butterfield's Addition	Part of	81 & 83, 85	
†Von Humboldt	H. M. Thompson's Sub. div. N. W. ¼ of N.E. ¼ of Sec. 1 T. 39 R. 13		17 to 24	8
Wallace Street	C. T. Sub. Sec. 33, 39, 14		N. 200 ft. of W. 125 feet of	22
Walsh	Walsh & McMullin's Sub. S. E. ¼ Sec. 20, 39, 14		9 to 20	16
Ward	U. S. Bank Addition	N. 75 of 11 & 12 to 15	11 and 12	4
Washington	Ogden's Addition	N. 17 ft. 8 &	3 to 7	29
Webster	C. T. Sub., known as Quarantine Grounds			15
Wells	Johnson's Sub. Sec. 6. 39, 14		10 to 16	16
Wentworth Av.	C. T. Sub. S. E. Frac. Sec. 21, 39, 14		8, 9, 12 & 14	26
Wicker Park	D. S. Lee's Addition		17 to 24	11
Wicker Park Br	Pierce's Addition to Holstein		36 to 41	6
Wicker Park Br	Holstein's Addition		25 to 33	18
Leased to E. Mendel	C. T. Sub. W. ½ Sec. 27, 39, 14		W. ½	34
*	School Section Carpenter	Shop on	21	1
‡Warren Av. Lot	Pollock's Sub. 4 acres S. ½ S. E. ¼ Sec. 12, 39, 13		17 to 21	
†Lincoln St. Lot	Lull & Mayer's Sub. of Cochrane's Sub. W. ½ S. E. ¼ Sec. 6, 39, 14		12 to 19	1
Schools in rented buildings				
Total				

* Lot belonging to School Fund. See Schedule.
‡ No school buildings on these lots.
† Buildings in course of erection.

Continued.

Size of Lot.	Value of Lot.	Class of Building.	Value of Building.	Value of Heating Apparatus.	Value of Furniture.	Total Estim'd Val. of School Property.
198x125	$ 6,860	3 s brick	$ 40,000	$ 6,000	$ 2,000	$ 54,860
153½x196 88/100	9,210	3 s brick	30,000	2,000	1,500	42,710
195 7/10x125	4,690	3 s brick	44,200	2,500	-------	51,390
200x125	4,000	3 s brick	40,000	6,000	2,000	52,000
268x195 W. S. 268x91 8/10 E. S.	14,900	3 s wood 3 s brick	10,000 35,000	2,000 2,000	1,500 2,000	67,400
175x125 1/9	7,000	3 s brick	30,000	800	1,500	39,300
217x116	8,680	4 s brick	40,000	6,000	2,000	56,680
200x125	8,000	3 s brick	45,000	2,000	2,500	57,500
306 5/10x130	14,760	4 s brick 3 s brick	40,000 50,000	6,000 2,500	2,000 2,500	117,760
200x124	14,000	Frame. B Bas. 1 s frame	10,000 1,000	800 100	1,500 50	27,450
209x167 1/8	8,360	3 s brick	40,000	6,000	2,000	56,360
144x100	2,000	1 s wood	1,000	50	125	3,175
216x100	3,150	1 s frame	1,000	40	100	4,290
200x193	40,000	-------	-------	-------	-------	40,000
-------	*	2 s wood	1,500	-------	-------	1,500
126x120	6,000	-------	-------	-------	-------	6,000
192x125	7,680	-------	-------	-------	-------	7,680
-------	-------	-------	-------	200	500	700
-------	$ 1,111,835	-------	$2,862,700	$ 293,215	$134,525	$ 4,402,275

Schedule G.

Street Lamps and Posts.

North Division	2,549	
South Division	3,213	
West Division	7,234	
Total	12,996 at $30.00 each,	$389,880 00

Oil Lamps and Posts.

North Division	571	
South Division	787	
West Division	1,319	
Total	2,677 at $7.95 each,	$21,282 15

Boulevards.

Michigan Avenue	373	
Washington	218	
Total	591 at $26.50 each,	$15,661 50

Schedule H.—Wharfing Privilege Mortgages.

No.	Letter	Names of Mortgagors.	Location.	Lot.	Block.	Interest Payable by	Amount of Mortgage.
1		George W. Dole		9		Mrs. C. Hyman	$ 4,006 04
8	A	Orrington Lunt	East ½ of West ½	24		Augusta L. and Sarah E. DeHaven	1,000 00
8	B	do	West ¼	24		do	1,000 00
8	C	do	East ¼	25		do	1,000 00
8	D	do	West ½ of East ½	25		do	1,000 00
8	E	do	East ½ of West ½	25		do	1,000 00
22	A	Humphrey & Pardee	East ¼	17		Theron Pardee	1,250 00
22	B	do	West ½ of East ½	17		do	1,000 00
22	C	do	East ½ of West ½	17		do	1,000 00
22	D	do	West ¼	17		do	1,000 00
29	A	E. S. Wadsworth	East ¼	18		J. T. Ryerson	1,000 00
29	B	do	West ½ of East ½	18		do	1,000 00
29	C	do	East ½ of West ½	18		do	1,000 00
29	D	do	West ¼	18		do	1,000 00
36		A. N. Fullerton	18 ft. West and adjacent E. 44 ft.	5		A. N. Fullerton	900 00
43		do	West 18 ft. of	5		do	900 00
49		J. Y. Scammon	Original Town, N. 40 ft. (Canal St.)	6			165 00
49½		T. Wadsworth	Original Town	9	5		600 00
55		J. Rogers and I. Cook	Original Town	5	7	C. & N. W. R. R. Co.	10,516 00
58		Harriet A. Murphy	Original Town, that old West Water Street, East of	9	29	Harriett A. Murphy	1,350 00
59		Hugh T. Dickey	Original Town	1	29	Hugh T. Dickey	1,009 50
60		John Taylor	Original Town, North ½	5	29	Reitz Brothers	675 00
63		James B. Murray	Original Town, lot West of sub-lots 5, 6, 7 and 8, of	5	14		4,160 00
			And lots W. and adjoinging lots 10, 11 and 12, of	14	14		
65		John Taylor	Original Town, South ½	5	29	Reitz Brothers	675 00
68		H. A. & G. W. Coster	Original Town	3 & 4	15	J. M. Durand	3,113 00
		Total					$41,319 54

Recapitulation.

Buildings.

Miscellaneous	$506,946 24	
Fire Department	338,650 00	
Police Deprtment	207,800 00	
School Department	2,862,700 00	
		$3,916,096 24

Real Estate.

Miscellaneous	$735,000 00	
Fire Department	220,005 00	
Police Department	72,500 00	
School Department	1,111,835 00	
		2,139,340 00
Fire Apparatus	$331,893 85	
Fire Alarm Telegraph	274,508 58	
Police Stock, Apparatus, Furniture and Equipments	92,433 79	
School Furniture	134,525 00	
Street Lamps and Posts	426,823 65	
Wharfing Privilege Lots and Mortgages	41,319 54	
Water Works, including lands, buildings, water-pipe, tunnels, crib, pumping engines, machinery, etc.	10,099,658 07	
		11,401,162 48
		$17,595,898 72

Wharfing Privilege.

	LOT.	BLOCK.		AMOUNT.
Jacob Beidler.....North ½ of	8	29	Original Town	$675 00
Jacob Beidler.....South ½ of	8	29	Original Town	675 00
James Leonard	10	51	Original Town	150 00
R. C. Bristol.....South ½ of	4	44	Original Town	600 00
R. C. Bristol	5	44	Original Town	1,080 00
Royal Houghton	4, 5 & (Ex. S. 30 ft.) 8	51	Original Town	1,620 00
George Steel	1	6	Original Town	700 00
S. Russell	8	44	Original Town	960 00
O. Lunt	9	44	Original Town	960 00
Total				$7,420 00

Wharfing Privilege Lots.

		LOT.	BLOCK.	AMOUNT.
Original Town	N. 25 feet	17	51	$275 00
Original Town	40 feet N. and Adjoining S. 4 feet of	6	51	600 00
Original Town		5	22	525 00
Original Town		8	22	600 00
Total				$2,000 00

Schedule I.

Statement of Sales and Purchases of Bonds from January 1, 1884, to December 31, 1884.

***Bonds Sold.**

Date of Sale.	To Whom Sold.	Kind of Bonds.	Numbers.	Denomination.	Amount.	Rate of Sale.	Rate of Intr'st	Premium.	Net Proceeds.	Date of Bond.	When Due.
July 1, '84	Gerhart, Foreman	Sewerage	4,316 to 4,544 incl.	$1,000	$229,000	1 3/100	4	$2,358 70	$231,358 70	July 1, '84	July 1st, 1904
July 1, '84	Gerhart, Foreman	Sewerage	4,545 to 5,002 incl.	500	$229,000	1 3/100	4	$2,358 70	$231,358 70	July 1, '84	July 1st, 1904
Total			687 Bonds.		$458,000			$4,717 40	$462,717 40		

*NOTE.—Above Bonds were issued and sold to retire a like amount maturing July 1st, 1884, in accordance with Clause Sixth, of Sec. 62, of Article 5 of "An Act to provide for the incorporation of City and Villages," in force July 1st, 1872, and by authority of ordinance passed by City Council, April 9th, 1884.

Schedule I.—Continued.

Bonds Purchased and Cancelled.

Kinds of Bonds.	Rate of Interest.	Numbers.	Number of Bonds.	Denomination.	Total.	Date of Issue.	When Due.
Sewerage	7	1 to 54 except 16, 27, 28	51	$1,000	$51,000	July 1, 1859	July 1, 1884.
Sewerage	7	57 to 87	31	1,000	31,000	July 1, 1859	July 1, 1884.
Sewerage	7	93 to 116	24	1,000	24,000	July 1, 1859	July 1, 1884.
Sewerage	7	119 to 161	43	1,000	43,000	July 1, 1859	July 1, 1884.
Sewerage	7	163 to 169	7	1,000	7,000	July 1, 1859	July 1, 1884.
Sewerage	7	171 to 202	32	1,000	32,000	July 1, 1859	July 1, 1884.
Sewerage	7	204 to 232	29	1,000	29,000	July 1, 1859	July 1, 1884.
Sewerage	7	234 to 298 except 271, 282	63	1,000	63,000	July 1, 1859	July 1, 1884.
Sewerage	7	300	1	1,000	1,000	July 1, 1859	July 1, 1884.
Sewerage	7	306 to 347	42	1,000	42,000	July 1, 1859	July 1, 1884.
Sewerage	7	371 to 500 except 406, 417, 479.	127	1,000	127,000	July 1, 1859	July 1, 1884.
Total			450 Bonds.		$4,500,000		

FUNDED DEBT.

Chicago City Bonds Outstanding.

(F.) 6 per cent. bonds, due July 1, 1895	$100,000 00	
(G.) 6 per cent. bonds, due July 1, 1896	86,000 00	
		$186,000 00
*(K.) 7 per cent. bonds, due April 1, 1881	1,000 00	
(M.) 7 per cent. bonds, due April 1, 1885	23,000 00	
(L.) 7 per cent. bonds, due Dec. 1, 1892	39,000 00	
(E.) 7 per cent. bonds, due Jan. 1, 1894	60,000 00	
(K.) 4 per cent. bonds, due April 1, 1901	843,500 00	
		966,500 00
City Bridewell or House of Correction (O.):		
7 per cent. bonds, due July 1, 1886	89,000 00	
7 per cent. bonds, due July 1, 1899	150,000 00	
		239,000 00
Tunnel (P.):		
7 per cent. bonds, due July 1, 1896	100,000 00	
7 per cent. bonds, due Jan. 1, 1898	100,000 00	
7 per cent. bonds, due July 1, 1898	98,000 00	
7 per cent. bonds, due Jan. 1, 1899	98,000 00	
		$ 39,000 00

7 per cent. bonds, due July 1, 1899	$ 70,000 00		
7 per cent. bonds, due Sept. 1, 1899	228,000 00		
		$ 694,000 00	
City Hall (Q.):			
7 per cent. bonds, due Oct. 1, 1888	27,000 00		
7 per cent. bonds, due Oct. 1, 1898	100,000 00		
7 per cent. bonds, due July 1, 1899	198,000 00		
		325,000 00	
School Construction (N.):			
7 per cent. bonds, due July 1, 1885	13,000 00		
7 per cent. bonds, due Jan. 1, 1886	20,000 00		
7 per cent. bonds, due Jan. 1, 1887	18,000 00		
		51,000 00	
School (R.):			
7 per cent. bonds, due April 1, 1887	$198,500 00		
7 per cent. bonds, due, Jan. 1, 1888	146,000 00		
7 per cent. bonds, due July 1, 1888	145,000 00		
7 per cent. bonds, due July 1, 1890	416,000 00		
7 per cent. bonds, due July 1, 1899	200,000 00		
		$1,105,500 00	
		$3,567,000 00	
*Less cash in American Exchange National Bank, New York, to retire bonds, not yet presented		1,000 00	
Total Municipal Debt (net)			$3,566,000 00

Sewerage Bonds:			
7 per cent. bonds, due July 1, 1884	$ 8,000 00*		
7 per cent. bonds, due July 1, 1888	343,000 00		
7 per cent. bonds, due July 1, 1888	44,000 00		
7 per cent. bonds, due July 1, 1892	490,000 00		
7 per cent. bonds, due July 1, 1894	785,000 00		
7 per cent. bonds, due July 1, 1895	13,000 00		
4½ per cent. bonds, due July 1, 1900	489,500 00		
4 per cent. bonds, due July 1, 1904	458,000 00		
		$2,630,500 00	
River Improvement Bonds:			
7 per cent. bonds, due July 1, 1890	250,000 00		
7 per cent. bonds, due July 1, 1892	249,000 00		
7 per cent. bonds, due July 1, 1893	500,000 00		
7 per cent. bonds, due July 1, 1894	346,000 00		
7 per cent. bonds, due July 1, 1895	1,263,000 00		
		2,608,000 00	
Total Sewerage Debt			$5,238,500 00
*Less cash in hands of American Exchange National Bank, New York, to retire bonds (not yet presented)			8,000 00
Total Sewerage Debt (net)			$5,230,500 00
Water Bonds:			
*6 per cent. bonds, due July 1, 1877	500 00		

*6 per cent. bonds, due July 1, 1880	$ 1,000 00		
6 per cent. bonds, due July 1, 1897	50,000 00		
6 per cent. bonds, due Jan. 1, 1898	82,000 00		
		$ 133,500 00	
7 per cent. bonds, due July 1, 1888	$150,000 00		
7 per cent. bonds, due July 1, 1889	225,000 00		
7 per cent. bonds, due July 1, 1890	268,000 00		
7 per cent. bonds, due July 1, 1892	821,000 00		
7 per cent. bonds, due July 1, 1894	541,000 00		
7 per cent. bonds, due July 1, 1895	1,485,000 00		
$3\frac{55}{100}$ per cent. bonds, due July 1, 1902	333,000 00		
		$3,823,000 00	
		$3,956,500 00	
*Less cash in hands of American Exchange National Bank, New York, to retire bonds (not yet presented) due July 1, 1877, and July 1, 1880		1,500 00	
Total Water Debt (net)			$3,955,000 00
Total Bonded Debt (net)			$12,751,500 00

STATE OF ILLINOIS, }
COUNTY OF COOK, } ss.
CITY OF CHICAGO. }

Theodore T. Gurney, Comptroller of said City, being duly sworn, says that the foregoing Annual Statement, so far as he knows or has reason to believe, is a fair, accurate and full statement of all moneys in his hands, or which he, or anyone for him, has received during the twelve months ending December 31, 1884, and that he has not, directly or indirectly, unlawfully used, loaned, invested or converted to his own use, or suffered any one to unlawfully use, loan or invest, or to convert to his or their use, any of the moneys receivable or received by him, or any of the securities under his control; but that he has acted without any collusion or fraud in the collection and disbursement of public moneys of said City, and that he has rendered a true and full account thereof in his said statement so far as he knows or has reason to believe.

Theodore T. Gurney

Comptroller.

Subscribed and sworn to before me this 16th day of March, 1885.

[SEAL.] WILLIAM M. STANTON,
Notary Public.

The Finance Committee have examined and approved the foregoing Annual Statement of the financial condition of the City, by the City Comptroller, and direct that the same be printed in pamphlet form.

EDWARD F. CULLERTON,
THOS. N. BOND,
JOHN T. NOYES,
} *Finance Committee.*

Chicago, 1885.

REPORT OF COMMISSIONER OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,

CHICAGO, Feb. 19, 1885.

HON. T. T. GURNEY, *Comptroller:*

SIR:—In compliance with the ordinances of the City Council, I herewith submit a statement of the contracts entered into by this department, and remaining uncompleted on the 31st day of December, 1884, together with the estimated amount required to complete the same.

DEWITT C. CREGIER,

Commissioner of Public Works.

New City Hall.

John Davis & Co., Steam Heating apparatus	$241 43
Alex. Watson, Plumbing and Gasfitting	1,786 09
Crane Bros. Manfg. Co., Elevators	16,452 50
H. A. Streator, Iron Works	200 00
Smith & Crump, Plastering	300 00
A. E. Fortin, Carpenter Work	200 00
Cuddell & Meissner, Carpenter Work	11,025 00
Matt Taylor, Granolithic Pavement	720 00
Manning & Phillips, Painting Iron Work	392 50
Sprague, Smith & Co., Glass	1,575 19
Edward Sweeney, Fixed Furniture	4,850 00
Otley Manfg. Co., Covering Steam Pipes, estimated	1,800 00
Kellogg, Johnson & Bliss, Hardware	1,096 49
Matt Taylor, Basement, estimated	1,825 00

Material, Etc.

W. P. Rend, & Co., Coal, City Hall, Bridges, etc	$5,000 00
W. P. Rend & Co., Coal, Canal Pumping Works	16,400 00
Patrick Farrell, Filling Union Square	600 00
Wm. M. Dee, Constructing Sewers	1,891 00
J. S. Dunham T. & W. Co., Tug Service	776 00

Edward Hemberle, Superstructure Centre Ave. Viaduct...	$ 100 00
Pittsburgh Bridge Co., Superstructure Halsted St. Viaduct.	100 00
Union Foundry and Pullman Car W. W., Lamp-posts	7,577 50
Wm. H. Madden, Teaming. ..	4,000 00
W. P. Rend & Co., Coal, Fullerton Ave. Conduit....	3,500 00
W. P. Rend & Co., Coal, West Pumping Works....	25,000 00
J. H. Bass, Special Castings...	2,635 15
J. H. Bass, Hydrant and Stop Cock Castings.....	1,853 88
Lake Shore Foundry, Water Pipe.....	75,000 00
N. F. Palmer, Jr. & Co., Machinery West Pumping Works Extension....	28,625 00
N. F. Palmer, Jr. & Co., Machinery Canal Pumping Works..	28,417 43
W. P. Rend & Co., Coal, Bridges and Shops.....	107 42
W. P. Rend & Co., Coal, Bridges and Shops.....	600 00
Matt Taylor, Flooring W. P. Works Extension....	160 20
Edward Hemberle, Superstructure Erie St. Viaduct.....	37,438 00
Chicago Dredging and Dock Co., Dredging Ogden Slip...	2,784 29
Thomas McNichols, Sewer Contract No. 21.....	2,686 00

DEWITT C. CREGIER,

Commissioner.

REPORT OF THE CITY TREASURER,

FOR THE YEAR 1884.

To the Mayor and Aldermen of the City of Chicago in City Council Assembled:

The undersigned, in compliance with Section 97 of Article VII of the City Charter, respectfully submits herewith his Annual Report of all receipts and expenditures during the fiscal year ending December 31, 1884, and the amount in the Treasury at that date.

Receipts.

Balance in Treasury January 1, 1884		$1,185,859 00
General Taxes, 1883	$4,269,840 54	
General Taxes, 1884	200,000 00	
Water Fund	1,288,925 26	
Special Assessments	2,605,144 68	
House of Correction	60,769 94	
Jonathan Burr Fund	4,560 00	
Licenses	1,664,838 66	
Rents	27,014 25	
School Fund	874,581 27	
Refunding Loan Account	458,000 00	
City Markets	1,727 40	
Pounds	340 00	
Amount carried forward..	$11,455,742 00	$1,185,859 00

Amount brought forward.	$11,455,742 00	$1,185,859 00
Wharfing Interest	2,143 49	
Fees	643 00	
Delinquent Personal Property Tax	112 34	
Police and Firemen's Relief Fund	629 27	
Police Life and Health Insurance Fund	340 00	
Police Courts, Southwest Division	4,783 00	
Police Courts, North Division.	4,347 50	
Police Courts, South Division..	11,360 50	
Police Courts, West Division..	9,004 05	
Sewerage Sinking Fund	500 00	
River Improvement Sinking Fund	500 00	
Sewerage Fund, 1884	31,073 10	
Sewerage Tax Fund, 1884	48,470 27	
Dept. Public Works, 1884	339,117 59	
General Fund, 1884	111,507 57	
School Tax Fund, 1884	92,835 60	
Public Library Fund, 1884	3,776 79	
Fire Dept. Fund, 1884	2,649 14	
Police Fund, 1884	525 26	
Health Dept. Fund, 1884	166 00	
Street Lamp Fund, 1884	76 00	
Forfeitures of 1873 and 1874	94	
Forfeitures of 1883	334 07	
Tax Purchases, 1874	861 06	
Tax Purchases, 1875	12 50	
Special Tax Purchases, 1879	72	
		12,121,511 85
		$13,307,370 85

Expenditures.

Jonathan Burr Fund	$ 5,779 98
Contingent Fund	12,969 23
City Hall Fund, 1883	35 75
City Hall Fund, 1884	237,232 81
Dept. Public Works Fund, 1883.	166,109 12
Dept. Public Works Fund, 1884.	1,218,684 21
Fire Department Fund, 1883	12,085 41
Fire Department Fund, 1884	647,618 61
Fire Department Fund, 1878	31 25
Fire Department Fund, 1879	10 00
General Fund, 1879	6 00
General Fund, 1882	719 08
General Fund, 1883	30,787 57
General Fund, 1884	269,556 56
House of Correction	61,785 76
Health Department Fund, 1883.	156 07
Health Department Fund, 1884.	202,521 55
Interest Account, 1884.	570,709 92
Public Library Fund, 1883	2,630 19
Public Library Fund, 1884	52,407 07
Police Life and Health Insurance Fund	60 60
Police and Firemen's Relief Fund	20,878 61
Police Fund, 1878	49 37
Police Fund, 1879	5 00
Police Fund, 1883	1,124 92
Police Fund, 1884	775,387 68
School Tax Fund, 1878	100 25
School Tax Fund, 1880	10 00
School Tax Fund, 1883	1,098,128 57
School Tax Fund, 1884	264,340 48
School Fund	879,416 24
Amount carried forward..	$ 6,531,337 86

Amount brought forward..	$6,531,337 86	
Special Assessment and Deposit Fund	2,621,670 50	
Sewerage Fund, 1878.....	20 00	
Sewerage Fund, 1883.....	74 90	
Sewerage Fund, 1884.....	128,485 33	
Sewerage Tax Fund, 1883.....	1,226 41	
Sewerage Tax Fund, 1884.....	309,676 12	
Street Lamp Fund, 1883.....	308,630 33	
Street Lamp Fund, 1884.....	212,503 57	
Refunding Loan Account.....	458,000 00	
Water Fund.....	1,160,704 37	
		$11,732,329 39
Balance in City Treasury, December 31, 1884.....		1,575,041 46
		$13,307,370 85

Yours most respectfully,

JOHN M. DUNPHY,

City Treasurer.

REPORT OF THE SCHOOL AGENT.

Statement of the Receipts and Expenditures and the condition of the School Fund for the year ending December 31, 1884.

Receipts.

The receipts have been as follows:

Cash on hand January 1, 1884		$5,359 37
Bills Receivable—		
From Scanlan & Hand	$ 8,511 46	
City Treasurer—		
From City Comptroller's Warrants on City Treasurer	878,060 41	
City of Chicago Bonds—		
From interest paid	680 00	
Carpenter Fund—		
From interest on bond	70 00	
Foster Medal Fund—		
From interest on bond	70 00	
Holden Fund—		
From dividend from State Savings Institution	90	
Interest—		
From bonds and notes	16,580 29	
Jones Fund—		
From interest on bond	70 00	
Moseley Book Fund—		
From interest on bonds $770 00		
From sale old books 20 60		
	790 60	
Michael Reese Fund—		
From interest on bonds	80 00	
Amounts carried forward	$904,913 66	$5,359 37

Amounts brought forward	$904,913 66	$ 5,359 37	
Newberry Fund—			
From interest on bonds	40 00		
Rents—			
From lease of lots and lands	150,684 35		
State Dividend—			
From A. G. Lane, County Superintendent of Schools	146,224 26		
State Fair Prize Fund—			
From State Board of Agriculture	20 00		
Taxes—			
From James Clowry	2,541 79		
Teachers' Fund—			
From City School Tax	561,092 37		
W. K. Sullivan Fund—			
From interest on bonds	12 00		
		$1,765,528 43	
			$1,770,887 80

Expenditures.

The Expenditures have been as follows:

City Treasurer—		
For amount deposited with him	$874,581 27	
City of Chicago bonds—		
For bonds purchased	9,209 87	
Carpenter Fund—		
For books, etc.	100 05	
Expense—		
For census canvass	6,671 00	
Foster Medal Fund—		
For medals, etc.	70 80	
Hesing German Fund—		
For German books	42 91	
Jones Fund—		
For books, etc.	41 99	
Moseley Book Fund—		
For books, etc.	448 43	
Michael Reese Fund—		
For books, etc.	93 96	
Newberry Fund—		
For books, etc.	36 32	
Amount carried forward	$891,296 60	

Amount brought forward	$891,296 60		
Teachers' Pay Rolls—			
For paid Superintendent, Assistant Superintendents and Teachers	872,588 03		
W. K. Sullivan Fund—			
For prizes in drawing	5 34		
		$1,763,889 97	
Cash on hand January 1, 1885		6,997 83	
			$1,770,887 80
In addition to the foregoing the City Comptroller has paid during the year the following amounts, by warrants on the City Treasurer, viz:			
For salary of School Agent one year to January 1, 1885		$1,000 00	
For dower to M. M. O'Donoghue		75 00	
For one year's rent of box in National Safe Deposit Vault		30 00	
For City Map, Books, Stationery, etc., used in census canvass		153 02	
For rebinding book of plats of School Fund Property		2 00	
For postal cards and printing same, for notices to tenants of rent due		4 25	
For accrued interest on city bonds purchased		91 56	
			$1,355 83

Condition of the School Fund January 1, 1885.

Carpenter Fund—		
Principal	$1,000 00	
Interest	88 69	
		$1,088 69
Foster Medal Fund—		
Principal	1,000 00	
Interest	81 60	
		1,081 60
Holden Fund		146 92
Hesing German Fund		34 69
Interest		425 34
Jones Fund—		
Principal	1,000 00	

Interest	$211 96		
		$1,211 96	
Moseley Book Fund—			
Principal	10,400 00		
Interest	800 60		
		11,200 60	
Michael Reese Fund—			
Principal	2,085 56		
Interest	80 85		
		2,166 41	
Newberry Fund—			
Principal	1,050 00		
Interest	28 56		
		1,078 56	
W. K. Sullivan Fund—			
Principal	315 00		
Interest	12 66		
		327 66	
Public School Relief Fund		443 16	
Rents		59,315 81	
School Fund Principal		207,413 00	
State Dividend		6,800 00	
State Fair Prize Fund		20 00	
Taxes		2,541 79	
Teachers' Fund		1,210 56	
Teachers' Pay Rolls		2,176 63	
Wharfing Lot Fund		68,061 94	
			$366,745 32

Invested as follows:

Bills receivable, mortgage	$16,700 00	
Bills receivable, personal security	50 00	
Bills receivable, in suspense	2,135 32	
Bills receivable, special for rents	15,115 33	
City of Chicago bonds	257,394 21	
Cook County bonds	11,866 25	
Estate of Timothy S. Fitch, deceased	42,870 73	
Joseph N. Barker lot	3,000 00	
North ½ Lot 14, Block 60, Russell, Mather & Roberts' Addition	850 00	
Real Estate	8,605 09	
Cash in City Treasury	1,160 56	
Cash on hand January 1, 1885	6,997 83	
		366,745 32

Real Estate belonging to the School Fund.

Lessee.	Description.	Sub-Lot.	Lot.	Block.	Size of Lot (in Feet.)	Date of Lease.	Expiration of Lease.	Appraised Valuation in 1880.	Annual Rental to May 8, 1885.
	Bronson's Ad'it'n:								
Board of Education	South 264 feet of		207		264x181 5/100	No lease.		$32,000 00	$ 1,920 00
Albert B. Harris	Frac. Sec. 15 Add. S. 10 ft. of Sub-lot 3 and N. 10 ft. of Original Town:	4	7 & 10	2	20x110	May 8, 1880	May 8, 1930	25,000 00	1,500 00
Harry Brown	East 66 feet		9	50	66x56	July 1, 1881	May 8, 1930	26,400 00	1,584 00
Laura M. Hubbard and Anna Hubbard	West 84 feet.		9	50	84x56	May 6, 1882	May 8, 1930	25,200 00	1,512 00
Henry A. Barling, Abner H. Davis and Edward D. Mandell, Trustees			6	55	80x180	Jan. 24, 1881	May 8, 1930	82,000 00	4,920 00
Mary E. Walsh			6	58	80x160	Jan. 10, 1881	May 8, 1930	136,000 00	8,160 00
	School Section Addition:								
John M. Smyth			1	1	204 65/100 x180	May 31, 1881	May 8, 1930	71,627 50	3,055 50
Daniel F. Crilly and Charles H. Blair			2 to 9 inclu.	1	200x100	June 1, 1881	May 8, 1930	68,750 00	5,027 00
John Coughlan			10	1	20x150	May 8, 1880	May 8, 1910	6,000 00	300 00
Daniel F. Crilly and Charles H. Blair			11to15 inclu.	1	125x150	June 1, 1881	May 8, 1930	65,327 50	4,000 00
			16to20 inclu.	1	136 65/100 x100				
Board of Education			21	1	288 92/100 x189	No lease.		21,669 00	1,300 14
John O'Malley, Jr	East ½ of		1	52	50x80 85/100	Dec. 30, 1882	May 8, 1930	3,500 00	210 00
Patrick Cash	West ½ of		1	52	50x80 85/100	Dec. 30, 1882	May 8, 1930	4,500 00	270 00
Frederick Weigle			2	52	50x160 5/100	Feb. 13, 1880	May 8, 1910	10,000 00	600 00
Addison Ballard	N. 198 6/10 feet of			87	198 6/10 x460	Apr. 26, 1880	May 8, 1885	35,755 00	2,085 30

Real Estate belonging to the School Fund.—Continued.

Lessee.	Description.	Sub-Lot.	Lot.	Block.	Size of Lot, (in Feet.)	Date of Lease.	Expiration of Lease.	Appraised Valuation in 1880.	Annual Rental to May 8, 1885.
James Clowry			1 & 2	88	198x490	April 4, 1877	Mar. 28, 1897	$34,650 00	$ 2,079 00
Conrad Uebele	North 70 feet of		3	88	70x480	Oct. 13, 1879	May 8, 1910	16,930 00	1,015 80
	Part of		4	88	78x 60				
Chicago Dry Dock Co.	W. 420 ft. of S. 125 feet				125x420	Dec. 29, 1883	May 8, 1890	No val'n Rent May8,'85 May8,'86	2,250 00
	And E. 60 ft. of S. 50 feet of			88	and 50x 60				
John DeLany	North ½		8	113	$25\frac{165}{1000}$x105	Apr. 27, 1880	May 8, 1910	1,887 40	125 00
Thomas Mackin	S. ½ of lot 8 and all of		11	113	$75\frac{165}{1000}$x105	May 8, 1880	May 8, 1910	5,637 40	301 00
Thomas Mackin	North ½ of		10	113	25x105	May 8, 1880	May 8, 1930	4,500 00	270 00
Benjamin F. Gump	South ½ of		10	113	25x105	Feb. 13, 1879	May 8, 1910	4,500 00	270 00
Fire Department			14 & 17	113	$99\frac{84}{100}$x105	No lease.		7,488 00	449 28
A. A. Munger & James Goggin			16	113	50x105	May 8, 1878	May 8, 1895	9,000 00	540 00
Police Department			20 & 23	113	$99\frac{75}{100}$X105$\frac{33}{100}$	No lease.		8,725 00	523 50
James Goggin			21 & 22	113	$99\frac{91}{100}$x105	June 8, 1875	May 8, 1895	20,965 80	1,257 95
The National Safe Deposit Co	Part of		5 & 6	119	95x192	June 9, 1881	July 1, 1931	345,600 00	* 21,636 00
Joseph E. Otis	East ⅔ of		1 & 2	142	48x 80	May 8, 1880	May 8, 1930	144,000 00	8,640 00
George L. Otis	West ⅓ of		1 & 2	142	48x 40	May 8, 1880	May 8, 1930	48,000 00	2,880 00
John J. Schwarz			3	142	24x120	May 8, 1880	May 8, 1930	43,200 00	2,592 00
Thomas Mackin			4, 5 & 6	142	72x120	May 8, 1880	May 8, 1930	110,400 00	6,624 00
Henry Weil			7	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
Rosalie Cavanna			8	142	24x120	May 8, 1880	May 8, 1930	39,600 00	2,376 00
Harriet G. McVicker			9,10 & 11	142	$81\frac{48}{100}$x192	May 8, 1880	May 8, 1930	138,516 00	8,310 96
The Tribune Company			12, 13 & 14	142	72x120	May 8, 1880	May 8, 1930	129,600 00	7,776 00
Thomas Mackin			15 & 17	142	48x120	May 8, 1880	May 8, 1930	43,200 00	2,592 00

Samuel Gregsten			**16**	142	24x120	May 8, 1880	May 8, 1930	21,600 00	1,296 **00**
Francis B. Peabody			18 & 19	142	48x120	May 8, 1880	May 8, 1930	45,600 00	2,736 00
Beverly R. Chambers			20 & 21	142	48x120	May 8, 1880	May 8, 1930	40,800 00	2,448 00
Caroline F. Wilson	L. 22 & N. 16 ft. of		23	142	40x120	May 8, 1880	May 8, 1930	32,000 00	1,920 00
Daniel F. Crilly and Charles H. Blair	S. 8 ft. of lot 23 and all of		24 to 27 inclu.	142	104x120	May 8, 1878	May 8, 1895	104,800 00	6,288 00
James J. Gore			28 & 29	142	$54\frac{35}{100}$x192	May 8, 1880	May 8, 1930	51,604 00	3,096 24
Catherine Boomer	J. H. Van Vlissingen, Ex. & Tru'te		30	142	$27\frac{14}{100}$x192	May 8, 1880	May 8, 1930	27,160 00	1,629 60
Frederic Haskell			31	142	24x120	May 8, 1880	May 8, 1930	39,600 00	2,376 00
Thomas G. Otis			32	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
George B. Jenkinson			33	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
Thomas G. Otis			34	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
Lucius B. Otis			35	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
Lucius B. Otis			36	142	24x120	May 8, 1880	May 8, 1930	36,000 00	2,160 00
Lucius B. Otis			37	142	24x120	May 8, 1880	May 8, 1930	43,200 00	2,592 00
Lucius B. Otis			38	142	24x120	May 8, 1880	May 8, 1930	54,000 00	3,240 00
Gottlieb Schroepel	Russell Mather & Roberts' Addition: North ½		14	60	20x150	Apr. 26, 1880	May 1, 1885	1,666 66	100 00

Real Estate belonging to the School Fund.—Continued.

Lessee.	Description.	Sec.	Town.	Range.	Size of Lot (in feet.)	Date of Lease.	Expiration of Lease.	Appraised Valuation in 1880.	Annual Rental to May 8, 1885.
	H. M. Thompson's Sub-division of W. ½ of N. E. ¼ of	1	39	13					
			Lot.	Block.					
Vacant			7 to 10 inclu.	5	100x125	Not leased.		$ 1,500 00	
Vacant			39 to 42 inclusive.	5	25x128 89/100; 25x128 78/100; 25x128 78/100; 25x128 67/100	Not leased		2,000 00	
Vacant			41 & 42	6	50x125	Not leased.		750 00	
		Sec.	Town.	Range.					
John Boldt	W. ½ of S.W. ¼ of	13	36	12	80 acres	Oct. 8, 1870	Nov. 8, 1890	$ 4,000 00	$ 144 00
William Marx	E. ½ of S. E. ¼ of	15	37	13	80 acres	Mar. 1, 1884	Mar. 1, 1889	4,000 00	200 00
Christian Werning	E. ½ of N. W. ¼ of	23	37	13	80 acres	May 8, 1884	May 8, 1889	4,000 00	200 00
John Zeimetz	W. ½ of N.W. ¼ of	23	37	13	80 acres	May 8, 1884	May 8, 1889		200 00
Vacant	W. ½ of S.W. ¼ of	22	38	13	80 acres	Not leased.		4,000 00	
Vacant	Block 2	11	40	13	9 85/100 acres	Not leased.		492 50	
Vacant	Block 5	11	40	13	9 85/100 acres	Not leased.		492 50	

Vacant	Block 12	11	40	13	10	acres	Not leased.		500 00	
Vacant	Block 20	11	40	13	10	acres	Not leased.		500 00	
Vacant	Block 21	11	40	13	10	acres	Not leased.		500 00	
David Jennings	W. ½ of N.W. ¼ of	33	40	13	80	acres	May 1, 1884	May 1, 1885	40,000 00	120 00
Vacant	E. ½ of S. E. ¼ of	34	38	14	80	acres	Not leased.		8,000 00	
William Lachele	N.E. ¼ of S.W. ¼ of	7	40	14	40	acres	Dec. 31, 1883	Feb. 8, 1889	12,000 00	200 00

*Includes six (6) per cent. upon $15,000.00, the appraised value of old post-office building; said valuation being for the entire term of the lease.

Valuation

The following is a statement of the taxable Real Estate and

Mayors.	When Elected.	Census—by whom taken.	Population.
William B. Ogden	May 2, 1837	City	4,170
Buckner S. Morris	March 6, 1838		
B. W. Raymond	March 5, 1839		
Alexander Lloyd	March 3, 1840	U. S.	4,479
Francis C. Sherman	March 5, 1841		
Benjamin W. Raymond	March 7, 1842		
Augustus Garrett	March 7, 1843	City	7,580
A. S. Sherman	March 7, 1844		
Augustus Garrett	March 5, 1845	State	12,088
John P. Chapin	March 3, 1846	City	14,169
James Curtiss	March 2, 1847	City	16,859
James H. Woodworth	March 7, 1848	City	20,023
James H. Woodworth	March 6, 1849	City	23,047

Mayors.	When Elected.	Census—by whom taken.	Population.	South Division.		West
				Valuation Real Estate.	Valuation Personal Property.	Valuation Real Estate.
James Curtiss	Mar. 5, 1850	U. S.	28,269	$3,401,512	$1,232,214	$ 1,326,271
Walter S. Gurnee	Mar. 4, 1851			3,933,662	1,350,656	1,724,452
Walter S. Gurnee	Mar. 2, 1852	Estim.	48,000	4,414,466	1,844,280	2,357,642
Charles M. Gray	Mar. 14, 1853	City	60,652	6,594,465	3,003,444	4,321,909
Isaac L. Milliken	Mar, 13, 1854	Estim.	75,000	8,657,840	4,657,546	7,442,799
Levi D. Boone	Mar. 8, 1855	State	80,000	10,400,279	4,423,527	7,795,931
Thomas Dyer	Mar, 10, 1856	City	84,113	13,424,370	4,480,941	8,330,150
John Wentworth	Mar. 3, 1857			15,330,900	5,663,670	9,181,274
John C. Haines	Mar. 2, 1858			15,546,006	4,441,630	9,544,805
John C. Haines	Mar. 1, 1859			15,967,100	4,842,291	9,574,253
John Wentworth	Mar. 6, 1860	U. S.	109,206	16,015,923	4,632,160	9,875,750
Julian S. Rumsey	Apl. 16, 1861			16,099,742	3,733,838	9,965,360
Francis C. Sherman	Apl. 15, 1862	City	138,186	16,165,540	4,181,580	10,160,510
Francis C. Sherman	Apl. 21, 1863			18,807,321	5,615,212	10,528,466
Francis C. Sherman	1864	City	169,353	19,948,868	9,030,955	11,232,042
John B. Rice	Apl. 18, 1865	State	178,492	24,001,511	16,925,363	13,213,243
John B. Rice	1866	City	200,418	37,460,007	14,991,229	20,406,226
John B. Rice	Apl. 16, 1867			73,133,320	40,640,215	44,701,700
John B. Rice	1868	City	252,054	85,313,610	41,952,950	59,657,620
Roswell B. Mason	Nov. 2, 1869			101,286,390	39,986,536	75,790,935
Roswell B. Mason	1870	U. S.	306,605	105,086,780	38,625,670	81,284,400
Joseph Medill	Nov. 7, 1871			110,661,940	38,707,360	87,644,630
Joseph Medill	1872	City	367,396	114,273,540	27,434,340	95,768,880
Harvey D. Colvin	Nov. 4, 1873			126,669,660	35,660,415	102,827,480
Harvey D. Colvin	1874	City	395,408	123,366,620	33,398,290	100,843,230
Harvey D. Colvin	1875			+63,041,441	*33,217,059	+48,366,069
Monroe Heath	July 12, 1876	City	407,661	+63,274,310	*26,172,921	+49,914,387
Monroe Heath	Apl. 3, 1877			+55,453,480	*23,321,738	+44,199,520
Monroe Heath	1878	City	436,731	+49,485,276	*19,672,590	+38,654,273
Carter H. Harrison	Apl. 1, 1879			+40,792,201	*17,733,478	+35,983,012
Carter H. Harrison	1880	U. S.	503,298	+41,666,451	*19,500,025	+34,871,482
Carter H. Harrison	Apl. 5, 1881			+41,900,456	*19,283,962	+35,410,247
Carter H. Harrison	1882	City	560,693	+45,502,908	*20,002,445	+35,863,654
Carter H. Harrison	Apl. 3, 1883			+50,097,793	*21,477,626	+36,986,133
Carter H. Harrison	1884	City	629,985	+52,179,743	*21,613,565	+38,594,383

*Includes total railroad valuation, real and personal, which for 1884 is $3,279,108.00,

NOTE.—On May 15, 1837, the City Treasurer of the City of Chicago received noted above, was compiled from the annual statements of 1838 to 1856, inclusive and from 1857 to 1880, inclusive, from the annual statements of the City

and Income.

Personal Property, and the taxes levied from 1837 to 1884, inclusive:

Valuation Real Estate.	Val'n Personal Property.	Total Valuation.	Increase.	Total Tax.	Floating Liabilities.
$ 236,842	----------	$ 236,842	----------	$ 5,905 15	
235,996	----------	235,996	----------	8,849 86	$ 9,996 54
94,803	----------	94,803	----------	4,664 55	7,182 25
94,437	----------	94,437	----------	4,721 85	6,559 63
127,024	$ 39,720	166,744	----------	10,004 67	12,387 67
108,757	42,585	151,342	----------	9,181 27	16,372 01
962,221	479,093	1,441,314	----------	8,647 89	12,655 40
1,992,095	771,186	2,763,281	$ 1,321,967	17,166 24	9,795 35
2,273,171	791,851	3,065,022	301,741	11,077 58	10,691 27
3,664,425	857,231	4,521,656	1,456,634	15,825 80	16,045 41
4,995,466	853,704	5,849,170	1,327,514	18,159 01	13,179 89
4,998,266	1,302,174	6,300,440	451,270	22,051 54	20,338 38
5,181,637	1,495,047	6,676,684	376,244	30,045 09	36,333 20

Division.	North Division.					
Valuation Personal Property.	Valuation Real Estate.	Valuation Personal Property.	Total Valuation.	Increase.	Total Tax.	Bonded Indebtedness.
$ 203,885	$ 951,182	$ 98,184	$ 7,220,249	$ 543,365	$ 25,270 87	$ 93,395
252,154	1,346,148	155,645	8,562,717	1,342,468	63,385 87	
213,635	1,418,664	214,730	10,463,414	1,900,697	76,948 96	126,035
398,642	2,214,303	309,068	16,841,831	6,378,417	135,662 68	189,670
647,906	2,890,105	286,043	24,392,239	7,550,408	499,081 64	248,666
561,775	3,441,290	370,091	26,992,893	2,600,654	206,209 03	328,000
686,150	4,137,788	676,685	31,736,084	4,743,191	396,652 39	435,000
867,693	4,795,454	496,290	36,335,281	4,599,197	572,046 00	535,000
782,754	5,084,514	592,023	35,991,732	----------	430,190 00	
529,426	5,190,960	449,350	36,553,380	561,648	543,614 00	1,885,000
638,137	5,306,462	585,080	37,053,512	500,132	373,315 29	2,336,000
633,508	5,249,647	670,285	36,352,380	----------	550,968 00	2,362,000
663,285	5,261,495	707,435	37,139,845	787,465	564,038 06	3,028,000
1,192,710	5,807,465	716,150	42,667,324	5,527,479	853,346 00	3,422,500
1,433,060	5,967,113	1,120,744	48,732,782	6,065,458	974,655 64	3,544,500
1,146,330	6,849,745	2,572,985	64,709,177	15,976,395	1,294,183 50	3,701,000
2,773,140	8,628,883	1,693,765	85,953,250	21,244,073	1,719,064 05	4,369,500
7,372,235	23,610,900	5,568,474	195,026,844	109,073,594	2,518,472 00	4,757,500
8,567,060	29,519,430	5,236,330	230,247,000	35,220,156	3,223,457 80	6,484,500
9,165,060	34,293,900	5,502,059	266,024,880	35,777,880	3,990,373 20	7,882,500
8,499,610	37,272,420	5,217,670	275,986,550	9,961,670	4,139,798 70	11,041,000
9,355,560	38,592,080	4,784,900	289,746,470	13,759,920	2,897,464 70	14,103 000
15,507,710	29,112,470	2,100,490	284,197,430	----------	4,262,961 45	13,544,000
10,951,660	33,472,680	2,491,100	312,072,995	27,875,565	5,617,313 91	13,478,000
9,294,100	34,339,460	2,463,440	303,705,140	----------	5,466,692 54	13,456,000
*9,384,216	†16,493,465	*3,261,996	†173,764,246	----------	5,108,981 40	13,457,000
*7,575,482	†18,033,763	*3,067,315	†168,037,178	----------	4,046,805 80	13,436,000
*6,722,270	†16,429,533	*2,273,615	†148,400,148	----------	4,013,410 44	13,364,000
*6,121,204	†16,280,504	*1,767,581	†131,981,436	----------	3,778,856 80	13,057,000
*6,918,693	†14,377,016	*2,165,635	†117,970,035	----------	3,776,888 19	13,043,000
*6,658,841	†12,494,022	*1,942,822	†117,133,643	----------	3,899,126 98	12,752,000
*5,262,552	†12,788,342	*1,693,887	†119,151,951	----------	4,136,608 38	12,752,000
*7,452,908	†14,513,438	*2,023,184	†125,358,537	----------	4,227,402 98	12,752,000
*8,163,172	†14,512,861	*1,992,919	†133,230,504	----------	4,540,506 13	12,751,500
*8,055,480	†14,512,861	*2,051,492	†137,326,980	----------	4,872,456 60	12,751,500

† Equalized valuations of State Board of Equalization.

from the Treasurer of the Town of Chicago, in cash, $2,814.29. The city debt, as as submitted by the Finance Committee of those years to the Common Council; Comptroller.

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NINTH ANNUAL REPORT

OF THE

DEPARTMENT

OF

PUBLIC WORKS

TO THE

CITY COUNCIL OF THE CITY OF CHICAGO,

FOR THE

Fiscal Year ending December, 1884.

CHICAGO:
GEO. K. HAZLITT & CO., PRINTERS, 172 & 174 S. CLARK ST.
1885.

Department of Public Works.

CITY OF CHICAGO.

COMMISSIONER,

DEWITT C. CREGIER.

SECRETARY,

D. S. MEAD.

Heads of Bureaus.

ENGINEERING:

CITY ENGINEER, ... S. G. ARTINGSTALL.

SEWERS:

SUPERINTENDENT, ... O. H. CHENEY.

STREETS:

SUPERINTENDENT, ... W. FOGARTY.

SPECIAL ASSESSMENTS:

SUPERINTENDENT, ... H. J. JONES.

WATER RATE COLLECTIONS:

SUPERINTENDENT, ... H. LIEB.

MAPS:

SUPERINTENDENT, ... F. A. DEMMLER.

ACCOUNTS:

DEPARTMENT BOOK-KEEPER, ... F. C. MEYER.

CHIEF CLERK WATER RATES, ... E. E. GILBERT.
WATER RATE ASSESSOR, ... T. PATTISON.
WATER PERMIT CLERK, ... H. G. NAPER.
CASHIER WATER RATES, ... J. W. LYONS.
REGISTRAR WATER RATES, ... W. L. MAHER.
METER RATE CLERK, ... W. WILLIAMS.
IN CHARGE OF PRIVATE DRAINS, . . . B. F. DAVENPORT.
ENGINEER IN CHARGE NORTH PUMPING WORKS, F. TRAUTMANN.
ENGINEER IN CHARGE WEST PUMPING WORKS, . . H. MASON.
ENGINEER SOUTH BRANCH RIVER PUMPING WORKS, . H. WELCH.
ENGINEER NO. BRANCH RIVER PUMPING WORKS, W. J. TURNBULL.
SUPT. WATER METERS, ... J. COMISKEY.
BRIDGE REPAIRS, ... G. R. BRAMHALL.
LAKE CRIB KEEPER, ... C. MCKEE.

REPORT

OF THE

COMMISSIONER OF PUBLIC WORKS,

CITY OF CHICAGO.

OFFICE OF THE COMMISSIONER,
CITY HALL, MARCH 16, 1885.

To the Honorable the Mayor and City Council of the City of Chicago:

GENTLEMEN:—In accordance with the requirement of the City Ordinances, I submit herewith the Ninth Annual Report of this Department, being for the year ending December 31, 1884, embodying a general synopsis of the character and extent of the work executed during the period mentioned, together with other matters of interest, relating to this branch of the public service.

A summary of the additions and improvements made in connection with the Public Works of the City, during the past year, under the jurisdiction and supervision of this department, will be found in the pages immediately following, while a more extended reference to the transactions of the department will be

found in the succeeding pages, under appropriate heads. For full and complete details of the work of the year, reference may be had to the reports of the several bureaus constituting this department, which reports are herewith annexed, and form a part of this general report.

EXTENSION OF WATER SYSTEM.

24¾ miles of water pipe, from 4 to 36 inches diameter have been added during the year, making a total in use at the close of the year ..... 543⅜ miles.
161 new water valves have been added; total in use 4,022
472 new fire hydrants have been added; total in use 4,616
3 fire cisterns have been added; total in use 26
7,684 new house service taps have been added; total in use 92,133
6,637 new house service pipes have been added; total in use 92,133
276 new water meters have been added; total in use 2,685
38 new water motors; total in use 445

The two new pumping engines and buildings completed, and put in use at the West Pumping Works, also new iron roofs put on boiler rooms of North Pumping Works.

The total quantity of water supplied to the city during the year, 29,286,000,000 gallons, a daily average of over 80,000,000 gallons.

EXTENSION OF SEWERAGE SYSTEM.

19 miles of brick and pipe sewers, from 12 inches to 9 feet in diameter have been constructed during the year, making a total in use at close of year 414 miles.

751 new catch-basins have been added; total in use	12,948
654 man-hole chambers have been added; total in use	14,728
Old catch-basins raised to grade	1,781
Old man-hole chambers raised to grade	1,351
Old catch-basins and man-holes repaired	162
Number of catch-basins cleaned	16,120
Sewers cleaned	233 miles.
House drains laid	16 "

STREET IMPROVEMENTS.

There were 725,881 square yards, or 34.52 miles of road-way paved during the past year.

There were 51,514 square yards of street pavement repaired; 0.80 miles of streets were planked.

There were 92,005 square yards of pavement laid by Street Railway Companies, covering a space 16 feet wide in the center of such streets occupied by their tracks.

Total number of miles of paved streets in the city	223.95
New sidewalks constructed	28.58 miles.
Sidewalks reconstructed	95.55 "
Sidewalks repaired	32.30 "

Total sidewalks in the city	804.05 miles.
Streets cleaned	2,225.34 "
Number of aprons, crossings, culverts, etc., built.	4,817
Street lamps erected (gas)	1,302
Street lamps erected (oil)	401
Total number of street lamps in the city	16,370
Street lamps repaired	26,310
Number of buildings moved	726

MAPS AND PLATS MADE.

For new sub-divisions	120
For opening, widening and vacating streets and alleys	41
For special assessments, street and law departments	1,433
For miscellaneous purposes	16
Total plats made	1,610

SPECIAL ASSESSMENTS PREPARED.

For improvement of streets and alleys	133
" private drains	57
" water service pipes	56
" street and alley openings	13
" new sidewalks	134
" gas lamps	50
" oil lamps	25
Total	468

MISCELLANEOUS WORK.

New iron swing bridge, 240 feet span, over the river at Rush Street.

Iron viaducts have been constructed and completed at West Twelfth Street, Center Avenue, Chicago Avenue and Halsted Street.

Completing New City Hall for occupancy.

Dredging in River.

General repair of bridges and viaducts.

CONTRACTS.

The following statement shows the number of contracts entered into by this Department during the past year, the class of improvement, and aggregate cost of the same:

128 street and alley improvement contracts aggregating	$1,510,103 22
4 sidewalk contracts aggregating	18,100 85
70 water service pipe contracts aggregating	35,568 17
67 private drain contracts aggregating	23,866 77
11 constructing bridges and viaducts contracts, aggregating	359,695 76
6 maintenance of water system contracts, aggregating	117,808 17
14 completion New City Hall contracts, aggregating	185,562 25
20 construction of sewers contracts, aggregating	200,277 81
5 oak and pine lumber contracts, aggregating	19,757 18
3 constructing engine houses contracts, aggregating	28,884 00
Carried forward	$ 2,499,624 18

Brought forward	$ 2,499,624	18
3 North Pumping Works, repairs, buildings and roofs contracts, aggregating	2,611	00
1 West Pumping Works buildings, and repairs to buildings and roofs contracts, aggregating	1,068	00
1 coal for Canal Pumping Works contract, aggregating	15,975	50
1 dredging Ogden Slip contract, aggregating	2,784	27
3 lamp posts, oil lamps and lighting contracts, aggregating	57,988	47
1 coal for New and Old City Hall, Parks, etc. contracts, aggregating	6,340	00
3 miscellaneous contracts, aggregating	2,746	87
341 contracts, aggregating	$2,589,138	29

FINANCIAL.

The following is a statement of the money at the disposal of this department, derived from the appropriation, and from other sources, together with the distribution of the same for the past year:

Balance Jan. 1, 1884, to credit of Water, Sewerage, Sewerage Tax, City Hall and general appropriation funds	$ 848,603	44
From general appropriation for 1884, and appropriation for Sewerage and New City Hall	1,643,761	80
From special appropriations for New City Hall and sundry improvements	198,910	91
From street lamps and other funds	110,850	73
Carried forward	$ 2,802,126	88

Brought forward	$2,802,126 88
From private parties, money advanced	13,109 99
From Water revenue, including tapping permits	1,233,536 37
From drain permits and licenses	31,014 09
From Railroad Companies on account of Viaducts	207,671 15
From private parties for labor and material	124,397 54
From house moving permits	3,630 00
From vouchers deposited back and miscellaneous items	1,725 55
From special assessments	2,857,905 28
Total	$7,275,116 85

There has been expended from this amount as follows:

GENERAL APPROPRIATION, 1884.

For bridges, viaducts, dredging, street cleaning, public buildings, tunnels, canal pumping works, Fullerton Avenue conduit, parks, work for private parties, salaries, New City Hall, constructing and maintaining sewers and catch basins		$2,206,046 69

FROM WATER FUND.

For water supply pipe extension	$ 303,430 73	
For private work by Water Department	41,581 91	
For extension of West Pumping Works	106,122 34	
Carried forward	$451,134 98	$2,206,046 69

Brought forward.....	$ 451,134 98	$2,206,046 69	
For maintenance of water system, operating pumping works, cost of collecting taxes and miscellaneous items--	435,980 52		
For interest on water loan bonds----------	264,928 65	1,152,044 15	
For street improvements, street openings, sidewalks, private drains, water service pipes and lamp posts-----	1,645,627 48		
For rebate (excess of assessments over cost of improvements,) abatements to property owners doing their own work, land damages and assessments held over and annulled by Council	$1,212,277 80	$2,857,905 28	

BALANCE.

December 31, 1884, to credit of water, sewerage, sewerage tax and general appropriation funds.----------	$1,059,120 73
Total----------	$7,275,116 85

WATER WORKS.

The total quantity of water supplied during the year 1884 was 29,286,584,465 gallons, being an average of 80,017,990 gallons per day. During August

the daily average was over 87½ million gallons. The greatest quantity pumped for one day during the year was 97,123,780 gallons, on the 19th of August. The smallest quantity was pumped on the 13th of April, being 61,836,580 gallons.

The expenses due to pumping is	$187,697 46
Other expenses	14,906 81
Total expenditures	$202,604 27

NORTH PUMPING WORKS.

(SIX ENGINES.)

The total quantity of water pumped at these works during the year was 15,405,650,785 gallons. The daily average being a fraction over 42 million gallons, under a head of 107.2 feet, and a trifle over $2\frac{7}{10}$ million per day less than the average of 1883. During the month of January the daily average was something over 51½ million gallons.

The expenses due to pumping is	$118,788 61
Other expenses at these works, such as coal on hand, stores on hand, new roofs on buildings, etc.	14,461 46
Total expenditures	$133,250 07

WEST PUMPING WORKS.

(FOUR ENGINES.)

The total quantity of water pumped during the year was 13,880,933,680 gallons, being an average of 37,926,048 gallons per day, under a head of 90.5 feet.

The expenses due to pumping is	$68,908 85
Other expenses at these works	445 35
Total expenditures	$69,354 20

PIPE SYSTEM.

Water pipes have been laid during the year as follows:

4	inch	22,534 feet
6	"	81,744 "
8	"	30,688 "
12	"	11,220 "
16	"	5,957 "
24	"	4,074 "
36	"	251 "
Total		156,468 feet

Equal to 29.53 miles. Small pipe taken up, 4.87 miles; net pipe added to the system during the year, 24.76 miles, making the total length of pipe laid in the city at the close of the year, 543.36 miles.

Fire hydrants put in during the year	539
Hydrants taken out and replaced by others of different sizes	67
Net number of hydrants added to the system	472
Total number fire hydrants now in use	4,616
Stop valves put in during the year	184
Stop valves taken out and replaced by others of different sizes	23
Net number of stop valves added to the system	161
Total number now in use	4,022

WATER METERS AND ENGINES.

Number of meters put in during the year	276
Number of meters removed during the year	94
Net increase	182
Total number of meters now in use	2,685
Number of elevator and other water engines supplied	38
Total number of water engines now in use	445

The revenue derived from the water measured by these meters and engines for the past year amounts to $408,065.89, an increase of $8,771.26 over the amount collected from like sources during the year 1883.

WATER WORKS RECEIPTS AND EXPENDITURES FOR THE YEAR 1884.

RECEIPTS.

Water rates collected (including delinquents)	$1,204,338	74
Water service cocks (permits and plumbers licenses)	29,197	63
Water meters, labor, etc., for private parties	40,842	76
Water pipe and private work at shop	7,955	14
Advances to lay water pipe	4,215	54
Miscellaneous	2,391	45
Total	$1,288,941	26

EXPENDITURES.

For salaries and other expenses, water collection office	$97,918 99
For other salaries and office expenses paid from water fund	5,942 23
For service cocks (including stock on hand, $4,021.40)	30,736 17
For meters, fittings and private work (including stock on hand, $10,550)	41,581 91
For interest on water loan bonds	264,928 65
For water pipe, lead and labor, etc., (including stock on hand, $69,524.37)	303,430 73
For water works repairs (including iron roof North Pumping Works)	73,388 27
For North Pumping Works	133,250 07
For West Pumping Works	69,354 20
For West Pumping Works extension	106,122 34
For lake tunnel crib	3,951 60
For water works shops and stables	6,417 03
For advances for laying water pipe refunded	11,499 89
For water rates refunded	3,022 07
For miscellaneous	500 00
Total	$1,152,044 15
Receipts over expenditures	$136,897 11

The total cost of the Water Works of the city to December 31, 1884, is as follows:

Cost up to May 6, 1861, when the works were transferred from the Board of

Water Commissioners to the Board of Public Works	$1,020,160 21

EXPENDITURES SINCE 1861.

Cost of water pipes laid	5,905,528 35
Cost of North Pumping Works	718,749 44
Cost of West Pumping Works	861,015 47
Cost of first lake water tunnel	464,866 05
Cost of second lake water tunnel	415,709 36
Cost of land water tunnel	542,912 63
Cost of lake crib for water tunnels	70,253 31
Cost of lake shore aqueduct	42,871 17
Cost of water works shops	25,551 73
Cost of water works stock	29,318 00
Cost of water reservoir fence	1,702 87
Cost of addition to stable	1,019 48
Total	$10,099,658 07

Total revenue from water rents to December 31, 1884	$15,530,071 61
Total operating expenses and maintenance to December 31, 1884, including interest ($5,407,008.93) on bonded debt and bonds cancelled	11,878,555 40
Total surplus revenue over total expenditures	$3,651,516 21

The total cost of the entire water works to December 31, 1884, is		$10,099,658 07
Paid for as follows:		
From general taxes	$2,713,878 53	
From water loan bonds, 6%	133,000 00	
From water loan bonds, 7%	3,490,000 00	
Carried forward	$6,336,878 53	

Brought forward	$6,336,878 53	
From water loan bonds, 3.65%	333,000 00	
From water loan bonds cancelled	858,000 00	
From surplus revenue.	2,571,779 54	$10,099,658 07

Total surplus of revenue over expenditures $3,651,516 21

Is accounted for as follows:

Cash balance in treasury Dec. 31, 1884.	$797,817 94	
Paid towards water works construct'n	2,571,779 54	
Suspended accounts (D. A. Gage, Trs. and Duncan, Sherman & Co., N.Y.)	180,292 72	
American Exchange Nat. Bank, N. Y., Dr.	118,152 15	
F. C. Meyer, bookkeeper (discharg'd men's fund)	300 00	
J. W. Lyons, cashier (petty cash)	191 88	
Meter Dept. stock on hand	10,550 00	
Tapping Dept. stock on hand	4,021 40	
Carried forward	$3,683,105 63	

Brought forward..		$3,683,105 63	
Less amount due depositors for hydrant wrenches.	$ 460 00		
Less amount advanced by private parties to lay water pipes in non-paying districts.....	31,129 42	$31,589 42	$3,651,516 21

BONDED DEBT OF WATER WORKS.

Water loan bonds outstanding December 31, 1884, bearing seven per cent. interest, mature as follows:

July 1, 1888	$150,000 00	
" " 1889	225,000 00	
" " 1890	268,000 00	
" " 1892	821,000 00	
" " 1894	541,000 00	
" " 1895	1,485,000 00	
		$3,490,000 00

Bearing six per cent. mature as follows:

July 1, 1897	$50,000 00	
" " 1898	82,000 00	
		132,000 00

Bearing three and sixty-five hundredths per cent. mature as follows:

July 1, 1902	333,000 00
Grand total outstanding	$3,955,000 00

Net cash balance to credit of water fund Decemcer 31, 1884------- $797,817 94

The total interest paid on water loan to January 1, 1885, is---------- $5,407,008 93

The following table shows the amount of water furnished and the revenue per million gallons received annually by the city from the year 1858 to 1884 inclusive:

YEAR.	Million Gallons Furnished.	Revenue.	Revenue per Million Gallons.
1858	1,092	$102,178 85	$93 57
1859	1,415	122,753 50	86 70
1860	1,717	131,162 73	76 39
1861	1,766	131,035 10	74 15
1862 (15 months)	2,705	188,448 25	85 00
1863	2,336	192,246 39	82 29
1864	2,523	224,902 57	89 14
1865	2,778	253,114 49	91 11
1866	3,169	302,017 59	95 30
1867	4,232	338,929 28	80 08
1868	5,375	420,686 94	78 26
1869	6,801	476,968 24	70 13
1870	7,945	539,180 19	67 86
1871	8,423	445,834 64	52 93
1872	10,051	544,465 90	54 17
1873	11,723	708,804 32	60 46
1874	13,903	705,926 64	50 77
1875 (9 months)	10,957	635,996 54	58 04
1876	15,346	771,940 38	50 30
1877	19,047	908,509 64	47 70
1878	19,564	944,190 97	48 31
1879	20,557	922,001 26	44 85
1880	21,002	865,618 35	41 21
1881	23,331	936,922 07	40 16
1882	24,150	1,049,576 90	43 46
1883	26,742	1,142,868 54	42 73
1884	29,286	1,204,338 74	41 12

THE WATER SUPPLY, ETC.,

during the year has, in the main, been ample and uninterrupted, and of excellent quality, but the enormous daily consumption of water, and the certainty of greater demand in the future, admonish us that measures for increasing the pumping capacity cannot longer be deferred without detriment to the city's interest. The reference to this subject and the recommendations thereon, embodied in my annual report submitted one year ago are again urged for consideration, as the matter is deemed imperative to meet the demands of the present and near future. When such additional machinery is provided, the means of further increasing the water supply will not then be simply a question of more pumping power, but a question of far greater magnitude and importance will present itself, because with additional engines at the North Works, the capacity of the two pumping works will then be equal to the practical limit of both lake tunnels to supply the water. Therefore, since the united capacity of the tunnels is in effect the primary measure of the city's supply, and as we are rapidly approaching this limit, which will certainly be reached at no very distant period, it becomes apparent that, even with the additional facilities above proposed, the means of supply must be further enlarged and extended to meet the future. To accomplish this a new independent inlet from the lake, together with a new and independent pumping works will soon be absolutely essential to in-

sure an ample and reliable supply of water throughout the city.

I am persuaded that these measures should be inaugurated at an early day, and the work carried forward as rapidly as practicable, and be of such character and proportions that when completed it will constitute a substantial and lasting improvement to the water supply, commensurate with the future growth and demand of Chicago.

The daily consumption of water in this city during the year averaged nearly 114 gallons per capita. It is no exaggeration to say that quite one-half of this quantity is unnecessarily wasted. This fact is verified in some measure by the following figures: Of the more than 26,000,000,000 gallons of water pumped during the year, about 4,600,000,000 gallons was paid for by measurement, and the balance, 24,400,000,000 gallons, was paid for by assessment, amounting to $795,494.18. Had the latter quantity of water been paid for at the minimum meter rates, viz., 8 cents per thousand gallons, the revenue would have been $1,952,000.00 instead of the amount above stated, or nearly two and a half times greater than was received; showing that the revenue received for about five-sixths of the water used in the city is about 3¼ cents per thousand gallons.

It appears that the greatest waste of water occurs during the periods of extreme heat and cold. From January 1st to May 1st—the cold term—there was a

gradual daily decrease up to and during the month of April, when the daily consumption fell off 10 million gallons. From May 1st to October 1st—the hot term—the consumption of water rapidly increased up to and during the month of September, when it reached 15 millions per day in excess of the quantity pumped in April. In other words, the daily average consumption from January 1st to April 30th was less than 78 million gallons, while same consumption was nearly 81 millions from May 1st to October 1st.

It is believed that the principal waste of water is due to negligence, as it is hardly probable that such abuse of water privileges can be the result of wilful intention on the part of any person, as such abuse is a violation of city ordinances, and amounts, in addition, to an utter disregard of the rights and privileges of neighbors.

One of the most prominent sources of waste is water closets generally, but especially those which are placed under sidewalks and other exposed places. During cold weather they are allowed to run almost continually, to prevent freezing, and at all times they are liable to become filthy for want of proper care.

While the most reliable and efficient means of preventing waste, and bringing the consumption of water within reasonable limits, is a resort to a general use of meters, yet it is believed that a rigid and adequate house to house inspection, properly carried out, would

go far to remedy the evil; such an inspection however, may and should comprehend more than a mere waste of water, it should combine a thorough and systematic annual examination of the plumbing generally, including the extent and character of house drainage, the essential ally of a water supply. Inspection of every house, public or private, by competent officers, would determine whether or not a premises were in a proper sanitary condition so far as relates to water supply and drainage, and a certificate should issue accordingly. Such inspection is quite as essential to the protection of the inmates as an inspection and certification of the condition of a steam boiler, for in the opinion of the writer, there is far more danger to life and health, lurking in a long continued, defective and inadequate system of house plumbing, than exists in any well managed steam boiler, the frequent inspection of which is required by law.

It is intended to inaugurate at an early day a system of inspection as above suggested.

SEWERS.

The system of sewers has been extended during the year as follows:

Constructed in the West Division	13.107 miles.
Constructed in the South Division	4.181 "
Constructed in the North Division	1.944 "
Total	19.232 miles.

Number of catch-basins built 751
Number of sewer man-hole chambers built 654

The cost of constructing sewers and catch-basins during the year is as follows:

West Division	$186,653 66
South "	48,862 72
North "	22,504 53
Total	$258,020 91

The total number of miles of sewers in the city December 31, 1884, is 413.874.

Total number of catch-basins is 12,948
The total number of man-hole chambers is 14,728

MAINTENANCE.

The total cost of cleaning and repairs, and cost per mile, together with the number of catch-basins and man-hole chambers, and miles of sewers in the three Divisions respectively is as follows:

DIVISION.	Miles of Sewers.	Number of Catch Basins.	Number of Man Hole Chambers.	Repairs.		Cleaning.		Repairs and Cleaning.	
				Amount.	Average Cost Per Mile.	Amount.	Average Cost Per Mile.	Amount.	Average Cost Per Mile.
West	224,356	6,958	7,920	$ 2,959 89	$ 13 18	$18,052 22	$ 80 46	$21,012 11	$ 93 65
South	113,317	3,627	4,058	2,993 45	26 41	15,807 79	139 50	18,801 24	165 91
North	76,201	2,363	2,750	1,439 46	18 89	9,758 92	128 06	11,198 38	146 95
Total	413,874	12,948	14,728	$ 7,392 80	$ 17 86	$43,618 93	$ 105 39	$51,011 73	$ 123 25

Of the 413.874 miles of sewers constructed, 222.340 miles are of brick, and 191.534 miles are of vitrified pipe.

TOTAL COST OF SEWERS, ETC.

DIVISIONS.	MILES.	COST.	AVERAGE COST PER MILE.
West	224.356	$3,459,859.78	$15,421.29
South	113.317	1,724,789.12	15,220.92
North	76.201	1,193,943.30	15,668.34
Totals	413.874	$6,378,592.20	$15,411.91

BONDED SEWER DEBT.

Bonds outstanding December 31, 1884, bearing seven per cent. interest mature as follows:

July 1, 1888	$343,000 00	
" " 1889	44,000 00	
" " 1892	490,000 00	
" " 1894	785,000 00	
" " 1895	13,000 00	
Total		$1,675,000 00
July 1, 1890, bearing four and one-half per cent, interest		489,500 00
July 1, 1904, bearing four per cent. interest		458,000 00
Grand total outstanding		$2,622,500 00

The total interest paid on sewerage bonds to January 1, 1885, is $4,106,676 00

The total amount paid as interest on river improvement bonds to January 1, 1885, is	3,030,940 00
The whole amount paid as interest on water, sewerage and river bonds combined is	12,544,624 93

NORTH AND SOUTH BRANCH RIVER PUMPING WORKS.

The operations of the north works have kept the north branch of the river in a very satisfactory condition. During the year over 6,413,000,000 cubic feet of water was pumped by these works; 1,238,000,000 cubic feet delivered from the lake into the river, and 5,175,000,000 cubic feet from the river into the lake.

The amount expended in operating and maintaining these works is	$20,246 63

The operation of the south works has resulted in maintaining the water in the south branch of the river, and that of the Illinois and Michigan canal in a satisfactory condition, besides improving the navigation of the canal, and facilitating the operations of the mills along its line by augmenting the volume of water for power.

The amount expended during the past year on account of construction is	$1,280 89
Previously expended for like purpose	249,896 33
Total cost of Works	$251,177 22

The amount expended for operating during the past year is_____ $32,587 48

The operations of the south branch pumping works produce no effect on the water in that portion of the river called the south fork, extending from the site of the works south to 39th street, nor were the works designed for this purpose; consequently the stream referred to is always in a very filthy condition, as it is the receptacle of the vast accumulations of animal and other matter emanating from the numerous and extensive slaughtering establishments located in the Town of Lake. This putrid stream has long been recognized as a nuisance of great magnitude, and highly detrimental to the section through which it passes, as well as to the city at large. Several plans have been suggested for the purpose of purifying this channel, but the most practicable in design, and economical in cost would involve a large outlay of time and money to accomplish the object. The rapid and extensive occupation of the district adjacent to this water-way for various business purposes, and the vital interests involved, demand that prompt and effective measures be taken to improve this unsightly and unclean channel.

Another feature affecting the condition of the south branch of the river, although less objectionable than that above referred to, is the influence of the water that comes from the Desplaines River, via the Ogden Wentworth Ditch. During the seasons of high water

in the Desplaines, considerable water flows through the ditch to the west branch and thence to the south branch, near the site of the pumping works. This flood water is comparatively clean, yet whatever quantity reaches the junction of the two streams from this source obstructs the displacement of a like quantity from the south branch; this, of course, defeats for the time, the full capacity of the pump's action on the sewage of the south branch. Occasionally in the spring the volume of water flowing from the west branch warrants the stoppage of the pumping works for a short time, when the water continues toward the lake. It is very rarely, however, that this flow is sufficiently rapid to reach any considerable distance into the lake toward the "crib."

In the year 1877 efforts were made by the city to prevent the water of the Desplaines river, at ordinary stages, from reaching the west branch, by constructing a dam across the head of the Ogden-Wentworth Ditch, at its junction with the Desplaines, near Summit Station. The wood-work of this dam was repaired in 1883, but it is of little service for the purpose designed, as the lands adjacent to the river are so low that when the water is high the dam does not prevent the water from flowing into the ditch and thence to the river. In order to remedy this, and at the same time devote the full capacity of the pumping works to the cleansing of the south branch, the dam above referred to should be reconstructed, and extended, so as to keep back the

water at ordinary stages. To attempt to obstruct the flow of all the water at flood periods would in all probability do much damage to contiguous lands, and might involve important and serious legal questions.

Owing to the uniformly high stage of water in the lake during the year, no dredging in the river was found necessary, except the work done in Ogden Slip, which was dredged as a sanitary measure, to a depth of 14 feet, by order of the Council.

BRIDGES AND VIADUCTS.

The expenditures for these structures during the year are as follows:

General repairs of bridges		$55,641 22
Of this amount there was collected from vessels for damage to bridges, and for old material sold	2,296 68	
Making net cost of bridge repairs	53,344 54	
For repairs of viaducts	7,023 56	
Total cost of repairs of bridges and viaducts		$60,368 10

The bridges and viaducts have been kept in as good condition as the character of the structures and the limit of the appropriations for the purpose would admit.

I have to repeat what has been frequently heretofore urged, that several of the bridges should be replaced

by new ones, better adapted to the present demands of traffic, to serve until the greatly to be desired period shall arrive when swing bridges over our river shall be abandoned, and become a relic of the past.

Among the new structures completed during the year, is Rush street swing bridge, referred to in my last annual report. This bridge is the largest swing bridge of which we have any knowledge, being 240 feet long, 59 feet wide, the superstructure weighing 657 tons. It was completed and opened to public travel in July last, and was subjected to formal test by experts, August 8th, following. The cost of the structure complete was $138,019.85.

During the filling of the south approach to this bridge, the retaining wall was moved by the pressure of earth, causing some damage to the work connecting with the abutment, and also cracking the walls of a small brick building in the immediate vicinity, owned by the U. S. government. This accident involved a change in the original plan of constructing the approach, and occasioned some delay in opening the bridge to travel.

Next in importance, both as to magnitude and utility, is the Chicago avenue and Halsted street viaduct over the tracks of the C. & N. W. R'y Co. Both the streets are important thoroughfares, and the locality has long been a dangerous and inconvenient point for the passage of vehicles and pedestrians.

The work was commenced November 26, 1883, and the structure finished and opened to travel November 23, 1884. The cost of this viaduct complete, exclusive of land damages, is..... $285,334 41
Of this amount the C. & N. W. R'y Co. paid..... 135,696 91

Making City's portion..... $149,637 50

Center avenue viaduct, also an extensive and important improvement, extends over the tracks of the C. & N. W. R'y Co. and C. B. & Q. R'y Co. This work was commenced March 18, 1884, and the entire structure completed and opened to travel December 13, 1884. The superstructure consists of four spans of different lengths, making 409 feet in all, with a width of 58 feet over all. The weight of the iron work is over 604 tons, and the total cost, exclusive of land damages, was..... $152,730 12

Divided as follows:

City of Chicago.....	$105,062 84	
C. & N. W. R'y Co.....	19,580 90	
C. B. & Q. R'y Co.....	28,086 38	
		$152,730 12

A new viaduct on 12th street, over the tracks of the C. B. & Q. R'y and those of the C. P. & Ft. W. R'y consisting of a single span 140 feet long and 56 feet wide, was erected during the past year to take the place of an old 80-foot span at the same point.

The total cost of this work was	$31,861 04
Of which the C. B. & Q. R'y Co. paid	24,306 84
The balance was paid by the city, viz.	$7,554 20

SUMMARY

of the new bridge structures built and erected during the past year:

Total length of approaches in substructures:

Of masonry	6,065 feet
Of timber	1,318 "
Total	7,383 feet

Total length of iron work in superstructures, 1,704 feet. Total weight, 1,314,000 lbs.

Total cost of work complete		$607,945 42
Total cost to city	$400,275 29	
Total cost to R'y Co.s	207,670 13	
		607,945 42

Full detailed description and illustrations of all the structures mentioned in the foregoing will be found in other parts of this report.

In addition to the work referred to, a new viaduct to replace the old wooden structure on Erie street, extending west from the river, is in course of construction. This new viaduct will be 459 feet long, and 38 feet wide, consisting of four spans of different lengths.

This structure will be completed about May 15th next, at an estimated cost of $45,000.00.

Two brick buildings for use of fire department were erected during the year, at an aggregate cost of $18,084.00.

All the bridge structures and other work herein referred to were designed, erected and completed under the supervision of this department.

Much credit is due the Bureau of Engineering for the preparation and excellence of the designs, and it is gratifying to be able to report that the contractors for the work have executed their respective contracts in a very creditable manner, and to the entire satisfaction of the department. It is also worthy of mention, that in the execution of the work referred to, amounting in the aggregate to over $600,000.00, some of the work being under water, difficult to prosecute, and involving conditions not possible to foresee, there was less than one-half of one per cent. claimed in excess of the amount fixed in the several contracts, showing a notable absence of the usually conspicuous adjunct to contracts, a generous "Bill of Extras."

STREETS.

During the year, improvements have been made as follows:

Streets paved with cedar blocks, on plank and macadam foundation	27.24	miles
Streets paved with sheet asphalt	1.00	"
Streets paved with macadam	2.69	"
Streets paved with asphalt blocks	.30	"
Streets paved with Medina stone	.64	"
Streets paved with granite blocks	2.65	"
Total miles of pavement	34.52	miles.
In addition to the above there were improved with curbing and grading	4.85	"
Also, by planking	.69	"
Making the total	40.06	miles.

IMPROVEMENTS HAVE BEEN MADE IN THE DIFFERENT DIVISIONS OF THE CITY AS FOLLOWS:

DIVISION.	Square Yards.	Lineal Feet of Roadway.	Miles of Pavement Laid in 1884.			Total Cost.			Average Cost per Mile.	Total Miles of Pavement Laid in the City.			Miles of Pavement Relaid in 1884.
			Amount under Assessment.	Amount of Private Contracts.	Total.	Amount of Contracts.	Cost of Superintendance, Assessment, etc.	Grand Total Cost.		Amount Previously Laid.	New Pavement added in 1884.	Total Pavement in the city.	
South	144,168	49,458	9.23	0.12	9.35	$ 326,292 03	$ 16,314 60	$ 342,606 63	$ 37,118 81	65.14	3.34	68.33	4.35
West	463,813	127,728	24.20	----------	24.20	904,451 67	45,222 57	949,674 24	39,242 73	93.62	18.51	112.13	2.87
North	117,900	34,476	6.32	0.19	6.51	207,449 85	10,342 50	217,822 35	34,465 56	39.74	3.75	43.49	1.70
Total	725,881	211,662	39.75	0 31	40.06	$1438,193 55	$ 71,909 67	$1510,103 22	$ 37,990 02	198.50	25.60	223 9[illegible]	8.9

The following shows the kind of paving in each division of the city up to December 31, 1884.

Division.	Wooden Block Miles.	Macadam Miles.	Stone Miles.	Asphalt Block Miles.	Sheet Asphalt Miles.	Gravelling Miles.	Cinders. Miles.	Grand Total Miles.
North	38.65	0.92	0.53	----------	1.90	0.23	1.26	43.49
South	48.30	4.13	7.76	3.61	0.15	4.38	----------	68.33
West	83.85	17.26	0.39	----------	----------	2.64	7.99	112.13
Total	170.80	22.31	8.68	3.61	2.05	7.25	9.25	223.95

Repaving and repairs have been made by the division foremen on the improved streets in each division of the city, as follows:

South Division	19,488	square yards.
West Division	25,037	" "
North Division	6,989	" "
Total	51,514	" "

The above table does not include planking done on streets where property owners have furnished the material and the city only furnishing the labor of laying the planking.

HORSE RAILWAYS.

Stone pavements were laid during the past year in the various streets of the city, in the space occupied by the tracks of the railroad companies, as follows:

CORPORATIONS.	Boulder Stone, Square Yards.	Granite Block, Square Yards.	Total Square Yards.
Chicago City Railway Co.		31,568	31,568
Chicago W. Div. Railway Co.	31,396	2,166	33,562
N. Chicago City Railway Co.	26,875		26,875
Total	58,271	33,734	92,005

The number of miles of railroad tracks laid, operated by the different railway companies, is as follows:

Chicago City Railway Co.	28.80 miles.
Chicago West Division Railway Co.	39.05 "
North Chicago City Railway Co.	17.88 "
Total	85.73 miles.

SIDEWALKS.

There was constructed during the year an aggregate of 124.13 miles of wood, stone and concrete sidewalks, also 32.30 miles of repaired walks in the North, South and West Divisions of the city, as follows:

DIVISION.	MATERIAL.			Total Miles.	Sidewalks Repaired.	Total Work.
	Wood.	Stone.	Concrete.			
South	15.73	5.56	0.41	21.70	7.40	29.10
West	79.22	4.35	0.26	83.83	22.70	106.53
North	15.87	1.91	0.82	18.60	2.20	20.80
Totals	110.82	11.82	1.49	124.13	32.30	156.43

The above statement includes 28.58 miles of walk, laid on ground not previously occupied by the same.

The following statement shows the number of miles of sidewalk laid within the city limits at the close of the year, including those laid by and under the jurisdiction of the various Park Commissioners:

	MATERIAL.			Total Miles.
	Wood.	Stone.	Concrete.	
City	720.73	57.56	11.18	789.47
Boulevards to West Parks		6.06		6.06
Boulevards to South Parks		7.77		7.77
Boulevards to Lincoln Park		0.75		0.75
Total miles in the city	720.23	72.14	11.18	804.05

STREET CLEANING.

The work of sweeping and cleaning the improved streets of the city for the past year, was done under contract by Messrs. Cooper and Walsh, for the sum of $37.00 per mile, commencing on the 31st day of March and ending on the 11th day of December, 1884. The following is a statement of the distribution and cost of the work:

DIVISION.	No. of Miles.	Cost of Work.
South	1,047.98	$38,681 53
West	778.86	28,817 82
North	398.50	14,724 41
Totals	2,225.34	82,223 76

STREET LAMPS.

Street lamps have been erected in the city including both oil and gas lights, as indicated in the following table:

DIVISION.	GAS LAMPS.			OIL LAMPS.				
	No. of Gas Lamps in use in 1883.	No. of Gas Lamps added in 1884.	Total Number of Lamps.	No. of Oil Lamps in 1883.	No. Added in 1884.	Total Number.	Less No. Replaced by Gas Lamps.	Total.
West	6,554	1,004	7,558	1,194	204	1,398	79	1,319
South	3,453	133	3,586	598	189	787	------	787
North	2,384	165	2,549	585	8	593	22	571
Totals	12,391	1,302	13,693	2,377	401	2,778	101	2,677

Total number of street lamps in the city, 16,370.

EXPENSES OF LIGHTING.

COMPANIES.	No. of Cubic feet Consumed.	Amount.	Repairs, New Services, &c.	Lighting, Cleaning and Extinguishing.	Thawing and Alcohol.	Total.
P. G. L. & C. Co.	112,866,372	$181,034 85	$17,624 05	$36,652 51	$4,204 65	$239,516 06
C. G. L. & C. Co.	77,034,908	96,789 13	6,225 85	30,540 08	3,083 95	136,639 01

Total cost of lighting and maintaining gas lamps		$376,155 07
Illinois Street Gas Co., for material and lighting oil lamps		57,988 97
For lamp posts, repairing and making lamps, including glass	$18,293 11	
Less amount received from special assessment department	4,186 00	14,107 11
Total cost of lighting the city		$448,251 15

The contract for gas per one thousand cubic feet was:

P. G. L. & C. Co., Jan. 1, to April 21, $2.00;
April 22, to Dec. 31, 1884..... $1 50
C. G. L. & C. Co., Jan. 1, to July 31, $1.65;
Aug. 1, to Dec. 31, 1884..... $1 00

The total cost for gas per lamp was as follows:

WEST DIVISION.

For gas consumed per lamp, per annum	$25.60
For lighting and maintenance by the Co.	8.29
For new lamps and repairs by the City	1.03
Total	$34.92

NORTH AND SOUTH DIVISIONS.

For gas consumed per lamp, per annum	$16.18
For lighting and maintenance by the Co	6.54
For new lamps and repairs by the City	1.03
Total	$23.75

Cost of maintaining oil lamps for the year as per contract, for each lamp $16.80

Twenty-six thousand three hundred and ten lamps have been repaired, being an average of 72 per day; 2190 new lamps were made; of these 548 were street sign lamps.

During the year 1883, more than 20,000 lamps, an average of about 55 per day, were repaired. Most of these repairs consist of replacing the glass broken by

mischievous boys with stones hurled by slings. The attention of the police department has frequently been called to this practice, but efforts to abate the damage to the lamps it appears have not been successful, since during the past year over 26,000, or an average of 72 per day, have required repairs for the same cause.

PARKS.

For the improvement and maintenance of the several parks under the jurisdiction of this department, there was expended during the year the following sums, to wit:

	ACRES.	
SOUTH DIVISION.		
Dearborn Park, 1st Ward, South Div.	1.44	$
Lake Park, 1st and 2d Ward "	41	2,041.47
Ellis Park, 4th Ward "	3.37	620.00
Douglas Monument Square, 4th Ward, South Division	2.02	645.25
Aldine Square, 4th Ward, South Div.	1.52	500.00
WEST DIVISION.		
Vernon Park, 8th Ward, West Div.	4	1,331.48
Union Park, 11th " "	14.80	2,668.53
Jefferson Park, 11th " "	5.50	1,570.26
Campbell Park, 12th " "	.50	249.60
Congress Park, 12th " "	.70	
Wicker Park, 14th " "	4	1,789.70
NORTH DIVISION.		
Union Square, 18th " North Div.	.50	500.00
Wash'tn Square, 18th Ward "	2.25	845.75
Total, thirteen parks	81.60	$12,762.04

As indicated above, these parks consist in the aggregate of about 82 acres, and being located in different parts of the city, they are convenient of access to the residents of the immediate neighborhood.

These public grounds were doubtless established to serve as a pleasant place of resort for daily rest and recreation of those who cannot spare the time to enjoy the advantages of the principal large parks, owing to the distance of the latter from the center of the city. The number of people who daily visit the small city parks during the summer is quite large, and will probably increase in proportion to the increase of population. The value and importance of these open places, dotted as they are over the area of this large city, can not be overestimated. It is necessary therefore, in order to render them serviceable and beneficial, that they should be so cared for and maintained as to make them a measure of beauty to the city at large, and inviting and pleasant to those who have occasion to use them. To effect these objects, the trees, shrubbery and grass should be properly cultivated, the walks, bridges and other structures kept in good repair, and the grounds suitably policed. For these purposes, larger appropriations are needed. The amount appropriated for the care and maintenance of eleven parks, aggregating 79¼ acres, during the year, was $12,950, of which $12,762 was expended.

SPECIAL ASSESSMENTS.

Attention is invited to the suggestions embodied in the report of the Superintendent of Special Assessments. The proposed changes in the method of transacting the business in connection with that branch of the city service have been carefully considered, and I fully concur in the opinion expressed by Superintendent Jones, that each and all of the recommendations will not only facilitate the work of the Bureau, and save time, but will curtail expense and otherwise prove a benefit to all interested.

The following tabulated statement gives in general the extent of this branch of work:

SPECIAL ASSESSMENTS HAVE BEEN LEVIED AS FOLLOWS:

Division.	Improving Roadways of Streets and Alleys.		Laying Private Sewer Drains.		Laying Water Service Pipes.		Opening Streets and Alleys.		Constructing Sidewalks.		Gas Lamps.		Oil Lamps.		Grand Total.	
	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.	No. of Independent Assessments.	Amount.
North	30	$391,151.20	13	$8,329.50	13	$9,318.85	1	$7,802.10	25	$16,433.20	29	$675.24	4	$289.90	115	$433,999.09
South	35	406,581.01	6	10,047.50	8	11,645.95	4	583,255.64	36	39,970.45	5	1,668.44	7	1,764.50	101	1,054,933.49
West	68	1,176,132.80	38	45,910.00	35	52,745.45	8	55,927.44	73	29,060.37	16	6,782.04	14	2,413.70	252	1,368,971.80
Total	133	$1,973,865.01	57	$64,287.00	56	$73,710.25	13	$646,985.18	134	$85,464.02	50	$9,125.72	25	$4,468.10	468	$2,857,905.28

THE NEW CITY BUILDING.

The amount expended during the past year in the construction of the building is	$246,105 70
Previously expended for like purpose	1,250,868 18
Total expended to Dec. 21st, 1884	$1,496,973 88
Am't due on uncompleted contracts, Jan. 1st, 1885,	52,464 20
Estimated amount necessary to complete the entire unfinished portion	92,600 00
Total cost of building when complete	$1,642,038 08

The intention is to fully complete the unfinished portion of the building now occupied during the ensuing year, which will include the three principal entrances, also the frescoing of the walls of the corridors, and the office rooms.

A few rooms in the fourth story and the whole of the intermediate story may be left unfinished, as they will probably not be required for use for several years. It is also intended to provide the necessary machinery, apparatus and fixtures to furnish ample electric light for the entire building, and the two river traffic tunnels, the latter a long deferred and pressing want. The cost of this proposed plant is not included in the above estimates.


WATER OFFICE

THE
JOHN CRERAR.
LIBRARY.

As the building will soon be occupied by the various departments of the city government, it will be of interest to note here the principal dimensions, etc., of the structure. An illustration of the exterior of the new building, and the interior of the Council Chamber therein. Also a view of the old City Hall, better known as the "Rookery," erected soon after the great fire of 1871, and since then occupied by the various departments of the city government, accompany this report.

The following dimensions are exclusive of the rotunda which connects the City and County Buildings:

The outside length of the new building on La Salle street is .....366 feet.
The outside width on Washington street is...128 "
The outside width on Randolph street is.....128 "
Height from sidewalk to top of cornice.....126 "

The exterior of the structure is of Bedford sand stone. The columns are of Hallowell granite.

The interior is divided into six stories. All of the partition walls throughout the building are of brick and hollow tile. The floors are of I beams and hollow tile. The floors of the corridors and a portion of the offices are covered with marble tile. The stairs and ballustrades are all of iron, wainscotted with tri-colored marble in panels. There are 1,702 feet of corridors

13½ feet wide, covered with marble tile, and 1,355 feet of iron stairway 9 feet wide.

The entire interior woodwork is of white oak, of elaborate design and highly finished. The wainscoting of the rooms is of the same material.

The interior, exclusive of the sub-basement, is divided into 119 office rooms, provided with 64 fire-proof vaults, 34 water closets, and 24 other closets.

THE SUB-BASEMENT

is 7½ feet high in the clear, divided into a number of rooms, devoted in part to the steam heating apparatus, police cells, electric battery, electric light plant and store rooms.

THE BASEMENT STORY

is 13ft. 8 in. high in the clear, divided into 21 office rooms, 10 vaults, 7 water closets and two other closets, occupied as follows:

Fire Department, 4 rooms, 13′ 6″x10oft., 13′x13′ 6″, 21′x22′ 9″, 33′x39′.

City Electrician, 4 rooms, 10′ 6″x22′, 10′ 6″x19′, 29′ x39′, 22′ 6″x21′.

Gas Inspector, 1 room, 13′x23′.

Police Department, 8 rooms, 13′x20′ 6″, 23′x20′ 6″, 22′x39′, 22′x39′, 16′x39′, 16x39′, 15′x16′, 29′x39′.

Health Department, 3 rooms, 33′x39′, 23′x21′, 13′x 21′.

Boiler Inspector, 1 room, 15′x16′.

FIRST STORY

is 21′ 8″ high in the clear, divided into 20 office rooms, 16 vaults, 9 water closets and 10 other closets, occupied as follows:

Mayor, 3 rooms, 31′x39′, 21′x22′, 19′x13′ 6″.

Comptroller, 3 rooms, 35′x39′, 23′x21′ 6″, 13′x21′6″.

City Clerk, 3 rooms, 13′x21′ 6″, 23′x21′ 6″, 47′ 6″x 39′ 6″.

City Treasurer, 2 rooms, 25′x39′, 15′x16′.

City Collector, 3 rooms, 38′x39′ 6″, 23′ 6″x22′, 13′x 24′.

Building Department, 2 rooms, 33′ 6″x39′, 15′ 6″x 16′.

Bureau of Water Rates, Dept. of Pub. Works, 3 rooms, 89′x39′, 23′x21′ 6″, 13′ 6″x24′.

Janitor. 1 room, 8′ 6″x13′ 9″.

SECOND STORY

is 21′ 8″ high, in the clear, divided into 24 office rooms, 16 vaults, 6 water closets and 4 other closets, are all occupied by the Department of Public Works, as follows:

Commissioner, 4 rooms, 13′x22′ 7″, 21′x23′, 34′x 39′, 21′ 6″x22′.

Bureau of Accounts, 1 room, 32′x39′.

Bureau of Special Assessments, 1 room, 42′ 4″x 43′ 4″.

Bureau of Engineering, 5 rooms, 31′x39′, 23′x42′, 33′x39′, 23′ 6″x21′ 6″, 12′ 6″x21′ 6″.

Bureau of Sewers, 4 rooms, 12′ 6″x21′ 4″, 21′ 4″x 23′ 6″, 22′ 6″x39′ 6″, 21′x39′ 6″.

Bureau of Maps, 2 rooms, 33′ 6″x39′ 6″, 16′x15′ 6″.

Bureau of Streets, 6 rooms, 33′ 6″x39′ 6″, 16′ 6″x 15′ 6″, 23′x39′ 6″, 23′x39′ 6″, 21′ 6″x23′, 13′ 6″x23′ 6″.

Janitor, 1 room, 11′x13′.

THIRD STORY.

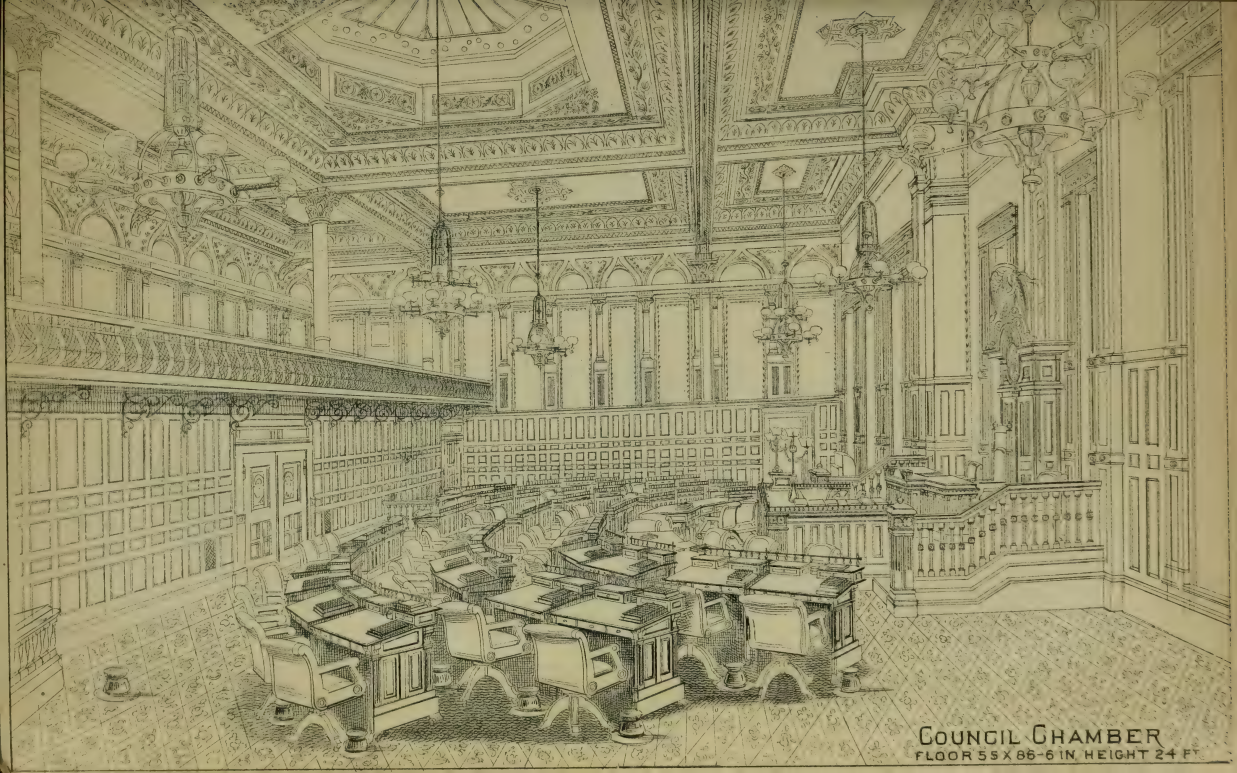
is 23′ 8″ high in the clear, divided into 24 office rooms, 16 vaults, 6 water closets and 6 other closets, occupied as follows:

City Law Department, 5 rooms, 13′x24′, 23′ 6″x 21′ 6″, 34′x39′, 22′ 9″x33′ 6″, 30′ 6″x39′.

Board of Education, 11 rooms, 30′x39′, 51′ 6″x40′, 23′x21′, 13′x21′, 13′x21′, 23′x21′, 21′ 6″x39′ 6″, 24′x 39′ 6″, 16′x39′ 6″, 16′ 6″x39′ 6″, 17′x15′ 9″.

Janitors, 1 room, 8′x10′.

Unfinished and Unassigned, 7 rooms, 43′x42′ 6″, 16′ 6″x15′ 9″, 16′x39′ 6″, 17′x39′ 6″, 24′x39′ 6″, 23′x 21′, 13′x24′.



COUNCIL CHAMBER
FLOOR 55 X 86-6 IN. HEIGHT 24 FT.

THE
JOHN CRERAR
LIBRARY.

FOURTH STORY

is 25 feet high in the clear, divided into 17 rooms, 2 vaults, 4 water closets and one other closet, occupied as follows:

City Council, 4 rooms, main chamber 90′x55′; ante rooms 23′ 6″x21′ 6″, 13′x23′6″; coat room 9′x39′.

Unfinished, 13 rooms, 80′ 6″x97′ 6″, 43′x42′ 6″, 17′ x39′, 21′ 6″x21′ 6″, 11′x9′ 6″, 13′x21′ 6″, 13′x20′, 21′ 6″x20′, 16′ 4″x26′, 16′ 4″x26′, 81′x40′, 23′ 6″x21′, 13′ 4″x23′.

FIFTH OR UPPER STORY

is 11 feet high in the clear, divided into 13 rooms, 4 vaults, 2 water closets, and one other closet. These rooms, etc., are not finished, but are of the following proportions: 13′ 6″x24′ 6, 23′x21′, 17′x6″x10′, 23′x22′, 9′ 6″x11′ 6″, 13′ 6″x23′, 16′6″x13′, 16′x13′, 22′ 6″x 21′ 6″, 9′ 6″x11′, 23′x21′, 17′ 6″x10′, 13′ 6″x24′.

In connection with completion of the new City Building, I append the following interesting report upon the subject, from Mr. Alexander Kirkland, the Supervising Architect:

"The occupancy of the New City Hall by the Municipal Government, in my opinion, makes it a fitting time for a general review or history of the building from the time the first action was taken by the City Council until now.

I assumed the duties of Superintending Architect in June, 1879, when the foundations were all in and the basement story about completed. I have, however, informed myself from the city records of all important features connected with the history of the building anterior to that time.

At a meeting of the City Council held March 11, 1872, an order was passed instructing the Council Committee on Public Buildings to confer with the Committee on Public Buildings of the Board of Commissioners of Cook County, in relation to the erection of a building to be used conjointly as a City Hall and County Court House. Following this conference, on the 14th of June, 1872, the Council passed an order authorizing the then existing Board of Public Works to advertise for competition plans, specifications and estimates of cost, the successful competitor to receive two thousand five hundred dollars from the contingent fund. In accordance with this order, the Board advertised on the 16th of November of the same year, jointly with the Board of Cook County Commissioners, for competitors, to submit their plans not later than the 15th of March, 1873, and stated that the Building Committee of the Board of Cook County Commissioners, the City Council and the Board of Public Works of the City of Chicago, should be the judges of the merits of the plans submitted. The gentlemen who were thus constituted judges, were Samuel Ashton, John Crawford, Joseph Haines and J. H. Pahlman, of

the Board of Commissioners; S. S. Gardner, M. B. Bailey, Michael Schmitz, David Coey and Mahlon D. Ogden, of the City Council; and the Board of Public Works, consisting of W. H. Carter, Redmond Prindiville and J. K. Thompson.

It is unnecessary to mention the difficulties encountered by this Committee in reaching a final judgment. Disagreements sprang up between the City Council and the County Board. Architect Matz and Architect Tilley both considered themselves under the action of the Council entitled to the first prize, and consequently the superintendency of the construction of the building; a long controversy followed, with the result that the claims of neither of those parties were recognized. The preparations of all the necessary plans and specifications for the erection of the new City Hall was intrusted to Mr. J. J. Egan, by an agreement entered into by that gentleman, with the Department of Public Works, in September, 1877.

Meanwhile, the County Board had decided to erect its own portion of the structure known now as the County Building, upon the east half of the Court House Square, so that at the time of the awarding of the first contract for excavating for the City Hall the County Building was considerably advanced toward completion.

In accordance with an advertisement by the Department of Public Works, on Sept. 7, 1877, for proposals

for the necessary excavations, the contract was awarded to John Sackley, on the 26th of the same month, and to Mortimer and Tapper on the 6th of October, for putting in the foundations, to be completed May 1, 1878.

It will be seen, therefore, that while the first action of the City Council, looking to the erection of a new City Hall was taken in 1872, it was not until 1877 that Mr. Sackley commenced the active work of excavating, under his contract with the city. This may be taken as the date of the commencement of the building.

The remainder of the history of the structure being simply a recapitulation of the names of the persons to whom the contracts for the different portions of the work were awarded, the amounts paid for the same, etc. I think it may be more clearly and concisely written in tabulated form. In view of that fact, therefore, I append to this communication a table, embodying all the necessary information concerning facts and figures.

It may not be amiss to state a few general facts. No one deserves any extraordinary meed of praise for the faithful performance of a duty. But when a comparison is instituted between the cost of the new City Hall completed, and the County side of the building, it cannot fail to be a source of intense satisfaction to the

present administration, under which all the work has been performed (with the exception of the putting in of the foundations) and most of the contracts let and carried to completion.

From the County Records the following figures have been taken, showing the entire cost of that side of the building complete:

Amount paid by County Board up to January 1st, 1882	$2,319,749.00
Estimate of cost to make repairs at rotunda same as New City Hall	25,519.00
Harm's claim paid since	72,000.00
Egan's claim paid since	3,500.00
Hinsdale-Doyle Granite Co.	3,900.00
	$2,424,668.00

Amount paid by the City up to January 1st, 1885	$1,496,973.88
Due on contracts let but not completed	52,464.20
Estimate cost of finishing entrances from Washington, Randolph and LaSalle Streets; frescoing walls, etc.	57,600.00
Finish'g the rooms now unoccup'd (est).	35,000.00
	$1,642,038.08

My estimate of the probable amount required to finish the building, communicated to the City Council in January, 1882, was in round numbers only two thousand dollars in excess of the above amount.

A glance at the cost of the County Building (being $2,424,668) and the City Hall (being $1,642,038.08), discloses the fact that the City Hall has been erected at an actual cost of $782,629.92 less than the similar building on the other side of the square. I do not think it unfair, in comparing the cost of the two buildings, to include the claims of P. J. Sexton, still in dispute and unpaid, both by the City and County. He has a claim of about $180,000 against the County, and one of about $55,000 against the City. In the event of the payment of both of these claims, there would necessarily be a still wider difference in cost to the extent of the difference between the two claims, or about $125,000, which added to the above mentioned sum would make a total difference of $907,629.92. This is a very creditable showing, when it is remembered that the dimensions of the two buildings are exactly alike on the ground plan, with the City Hall four (4) feet higher than the County side.

The astonishing difference in the cost of the two buildings may lead some people to ask whether there is not also a corresponding difference in the buildings themselves, whether the construction, finish and general result in the County Building is not worth nine hundred thousand dollars more than that of the City Building. Such is not the fact. I do not hesitate to say, that an impartial examination of both structures by experts would result in an unanimous declaration in favor of

the general excellence of the finish and all the interior appointments of the City's portion of the building.

Very respectfully submitted,

ALEX. KIRKLAND.

Supervising Architect.

PRIVATE IMPROVEMENTS.

In connection with the report of the extent and character of the public works of our city, it is not deemed inappropriate to briefly refer to the extent and character of some of the private work carried on in our midst during the year.

The Commissioner of Buildings in his report says, "A greater number of commodious buildings, as absolutely fire-proof as it is possible to make them, have been erected in Chicago last year, than during any ten years of the city's history."

4,169 buildings were erected during the year, covering an aggregate frontage of 98,782 lineal feet, or over 18¼ miles, involving an estimated expenditure of $25,862,000.

The following tabulated statement shows the locality of these improvements:

Division.	No. of Buildings erected.	Aggregate Frontage in feet.	Frontage in Miles.	Estimated Value.
North.....	625	16,873	$3\frac{2}{10}$	$4,329,625.00
South.....	1,087	25,657	$4\frac{8}{10}$	11,170,000.00
West.....	2,457	56,252	$10\frac{6}{10}$	10,362,375.00
Totals.... ...	4,169	98,782	$18\frac{6}{10}$	$25,862,000.00

COMPARISON WITH TWO PREVIOUS YEARS.

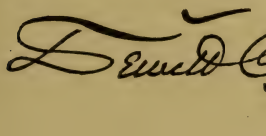
1882.....	3,113	73,161	$13\frac{8}{10}$	$19,803,500.00
1883.....	4,086	85,588	$16\frac{2}{10}$	21,875,000.00
1884.....	4.169	98,782	$18\frac{6}{10}$	25,862,000.00
Totals for 3 years..	11,368	257,531	$48\frac{6}{10}$	$67,540,500.00

The erection of nearly 50 miles of new buildings, at a cost of over 67 millions of dollars, within a period of three years, is substantial evidence of the faith, energy and prosperity of our citizens; while the magnitude and enduring character of many of the stately structures that now beautify and adorn our city, are such that they will serve for years to come as monumental mile stones to mark the progress of Chicago towards her pre-determined destiny.

In closing this report, I desire again to acknowledge my obligations to his honor the mayor, for his official kindness, counsel and advice. To the city council also I beg to tender thanks for the consideration and cour-

tesies extended this department, and to bear testimony to the efforts of the heads of the various bureaus, and their subordinates, to discharge their duties faithfully and effectually.

Respectfully submitted,



Commissioner.

ENGINEER'S REPORT.

Hon. Dewitt C. Cregier, Commissioner of Public Works:

I present, herewith, the Ninth Annual Report of the Engineer Department for the year 1884.

WATER SUPPLY.

The total quantity of water delivered to the City during the past year is 29,286,584,465 gallons, a daily average of 80,017,990 gallons, or about $9\frac{52}{100}$ per cent. more than the average for the year 1883.

During the month of August the average daily quantity pumped was a little over $87\frac{5}{10}$ million gallons, and in September, $87\frac{7}{10}$ million gallons, while during the month of April the daily average was nearly $72\frac{1}{2}$ million gallons.

The greatest quantity pumped in a single day was on August 19th,—97,123,780 gallons.

The least quantity pumped was April 13th,—61,836,580 gallons,—a variation of 35,287,200 gallons.

There were 33 days when the water pumped exceeded 90 million gallons, of which 2 were in January, 12 in August, 11 in September and 8 in December.

The largest days' pumping were as follows:

August	18th	95,911,450 gals.
"	19th	97,123,780 "
"	20th	96,910,900 "
Sept.	9th	95,816,200 "
"	10th	96,519,810 "
Dec.	23rd	95,344,000 "
"	24th	95,726,850 "

The following tabulated statement shows the operations in detail of both North and West Pumping Works during the year 1884:

OPERATIONS OF BOTH PUMPING WORKS COMBINED.

MONTH. 1884.	Number of Days.	Number of Hours Run per Month.	Average No. of Hours Run per Day.	Total Number of Gallons of Water Pumped per Month, less 5½ per cent. for loss of Action.	Average No. of Gallons of Water Pumped per Day, less 5½ per cent. for loss of Action.	Pounds of Coal consumed per Month for Pumping.	Average Number of Pounds of Coal consumed per Month for Pumping.	Average Head against Pumps in feet.
January	31	744:00	24:00	2,553,536,065	82,372,130	4,514,720	145,507	93.7
February	29	696:00	24:00	2,289,600,060	78,951,036	3,742,290	129,044	94.4
March	31	744:00	24:00	2,416,256,615	77,943,761	3,800,900	122,609	92.8
April	30	720:00	24:00	2,174,058,060	72,468,602	3,343,730	111,491	90.8
May	31	744:00	24:00	2,305,090,420	74,357,755	2,714,475	86,484	90.4
June	30	720:00	24:00	2,260,858,220	75,361,940	2,436,380	81,213	89.2
July	31	744:00	24:00	2,462,288,300	79,418,977	2,942,041	90,605	95.8
August	31	744:00	24:00	2,713,985,865	87,547,931	3,303,450	109,782	106.3
September	30	720:00	24:00	2,632,908,325	87,763,610	3,168,875	106,083	107.3
October	31	744:00	24:00	2,528,639,070	81,569,002	3,304,170	106,586	109.2
November	30	720:00	24:00	2,358,616,985	78,620,564	3,273,960	109,132	109.7
December	31	744:00	24:00	2,590,746,480	83,572,467	3,870,900	124,867	106.7
Totals	366	8,784:00	-------	29,286,584,465	----------	40,415,891	----------	98.8
General Average per Month	-----	732:00	-------	2,440,548,705	----------	3,367,991	----------	------
General Average per Day	-----	----------	24:00	----------	80,017,990	----------	110,272	------

NOTE.—Coal for heating building and pumping out wells included in above statement.

The quantity of water pumped by both works, and cost of the same for the past two years was as follows:

YEAR.	PUMPING.		COST.	
	Total Number Gallons.	Daily Average.	Total Cost.	Average Cost per Million Gallons.
1883.	26,741,941,090	73,265,592	$ 171,838 62	$ 6.42 $\frac{58}{100}$
1884.	29,286,584,465	80,017,990	187,697 46	6.40 $\frac{90}{100}$
Increase.	2,544,643,375	6,752,398	15,858 84	*0.01 $\frac{68}{100}$

* Decrease.

TABLE SHOWING QUANTITY OF WATER PUMPED BY BOTH PUMPING WORKS COMBINED, EACH MONTH DURING PAST EIGHT YEARS:

MONTHS.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January --	1,582,969,385	1,561,666,968	1,984,699,694	1,567,144,633	2,045,483,094	1,825,593,493	2,397,281,870	2,553,536,065
February -	1,404,949,448	1,401,548,987	1,758,754,626	1,533,195,592	1,872,130,080	1,724,637,947	2,228,122,940	2,289,600,060
March----	1,543,493,780	1,566,311,019	1,929,889,148	1,675,170,272	1,950,668,691	1,926,851,744	2,295,974,480	2,416,256,615
April----	1,531,896,815	1,379,902,942	1,500,367,146	1,658,718,639	1,802,701,896	1,832,587,508	2,087,973,690	2,174,058,060
May - ----	1,628,002,813	1,421,128,064	1,639,993,231	1,781,045,267	1,807,887,027	2,000,339,237	2,140,935,205	2,305,090,420
June - ----	1,596,655,865	1,524,233,984	1,576,121,026	1,813,621,318	1,870,242,288	2,057,911,204	2,172,518,075	2,260,858,220
July- ----	1,733,282,814	1,903,916,563	1,785,393,119	1,917,520,346	2,148,595,588	2,161,655,202	2,343,731,680	2,462,288,300
August --	1,732,442,419	1,907,143,614	1,804,750,439	1,898,248,864	2,231,316,996	2,179,598,931	2,376,804,930	2,713,985,865
September	1,648,279,066	1,772,067,650	1,665,023,876	1,798,031,710	2,080,423,152	2,132,913,799	2,217,346,100	2,632,908,325
October --	1,623,377,776	1,751,855,733	1,735,802,358	1,772,878,722	1,923,812,991	2,096,791,910	2,226,119,370	2,528,639,070
November	1,509,481,581	1,631,523,798	1,550,482,037	1,705,207,141	1,801,799,714	2,014,994,563	2,050,391,540	2,358,616,985
December.	1,512,272,884	1,742,988,910	1,626,414,281	1,881,899,401	1,796,724,362	2,197,068,346	2,204,711,210	2,590,746,480
Totals----	19,047,104,636	19,564,288,232	20,557,690,981	21,002,681,905	23,331,785,879	24,150,943,884	26,741,941,090	29,286,584,465

TABLE SHOWING TOTAL QUANTITY OF WATER PUMPED BY BOTH PUMPING WORKS COMBINED,

TOGETHER WITH ANNUAL AND DAILY INCREASE IN QUANTITY AND RATE PER CENT.; ALSO, THE GREATEST DAILY AVERAGE FOR A SINGLE MONTH, FOR THE FOLLOWING YEARS:

YEAR.	Total Quantity Pumped, Gallons.	Annual Increase. Gallons.	Average Daily Quantity Pumped. Gallons.	Average Daily Increase. Gallons.	Per Cent. of Annual Increase.	Greatest Daily Average.	
						Month.	Gallons.
1876	15,346,922,158		41,931,481			December	47,063,724
1877	19,047,104,636	3,700,182,478	52,183,892	10,252,411	24.45	July	55,912,350
1878	19,564,288,232	517,183,596	53,600,789	1,416,897	2.71	August	61,520,762
1879	20,557,690,981	993,402,749	56,322,441	2,721,652	5.07	January	64,022,571
1880	21,002,681,905	444,990,924	57,384,376	1,061,935	2.16	July	61,855,495
1881	23,331,785,879	2,329,103,974	63,922,700	6,538,324	11.09	August	71,977,967
1882	24,150,943,884	819,158,005	66,166,969	2,244,269	3.51	September	71,097,126
1883	26,741,941,090	2,590,997,206	73,265,592	7,098,623	10.72	February	79,575,819
1884	29,286,584,465	2,544,643,375	80,017,990	6,752,398	9.52	September	87,763,610

Tabular Statement of the Consumption and Waste of Water, Relative Pumping Capacity, Population, Pipes, Revenue, Etc.

YEAR.	WATER DISTRIBUTED DAILY IN U. S. GALLONS.											REVENUE.		TAPS.		PIPE.				Population.	
	Actual Supply.	Per Cent. of increase.	Estimated at one sixth Annual Increase.	Estimate made from Census on 35 Gallons per Inhabi'nt.	Quantity to each Inhabitant.	Per Cent. of increase.	Average quantity per Mile of Pipe.	Per Cent. of increase.	Capacity of Works per Mile of Pipe.	Average quantity for each tap.	Quantity for one Dollar per yr.	Capacity of Works.	Proportion of Pumping Capacity to quantity Supplied.	Amount Collected.	Per Cent. of Increase.	Number of taps in Use.	Per Cent. of Increase.	No. of Inhabitants to each tap	Miles of Pipe Laid.	Miles of Pipe in Use.	Per Cent. of Increase.	No. of Inhabitants per Mile of Pipe.	Total Numbers.	Per Cent. of Increase.
1858	2,991,413	.....	.....	2,340,000	32.8	.....	41,317	.....	276,243	641	28.29	20,000,000	1 to 6.7	$ 102,179	.....	4,666	.....	19.5	72.4	.....	.....	.....	91,000	.....
1859	3,877,119	29.61	3,489,980	2,520,000	.....	.....	45,559	10.26	235,017	705	31.53	20,000,000	1 to 5.1	122,948	30.22	5,511	18.10	.....	12.7	85.1	17.54	.....	.....	.....
1860	4,703,525	21.81	4,071,644	2,700,000	43.0	31.10	51,687	13.45	211,890	740	35.86	20,000,000	1 to 4.2	131,162	6.68	6,350	15.19	17.2	5.9	91.0	6.93	1,201	109,260	20.06
1861	4,841,520	2.93	4,750,251	2,880,000	.....	.....	50,803	‖1.71	209,863	704	32.21	20,000,000	1 to 4.1	150,290	14.58	6,876	8.28	.....	4.3	95.3	4.73	.....	.....	.....
1862	6,074,739	25.47	5,541,960	3,060,000	43.9	2.09	57,909	13 96	190,657	815	40.25	20,000,000	1 to 3.2	150,920	0.41	7,450	8.34	18.5	9.6	104.9	10.07	1,317	138,186	26.47
1863	6,400,298	5.35	6,465,620	3,240,000	.....	.....	55,461	‖4.23	173,310	760	33.53	20,000,000	1 to 3.1	190,886	26.48	8,412	12.91	.....	10.5	115.4	10.00	.....	.....	.....
1864	6,913,259	8.01	7,543,223	3,420,000	40.8	‖ 7.30	54,306	‖2.09	157,109	701	30.87	20,000,000	1 to 2.9	224,246	17.47	9,855	17.15	17.1	11.9	127.3	10.91	1,330	169,353	22.35
1865	7,610,459	10.08	8,800,427	3,600,000	.....	.....	53,899	10.75	141,643	667	30.14	20,000,000	1 to 2.6	252,441	12.57	11,406	15.73	.....	13.9	141.2	10.91	1,264	178,492	.....
1866	8,681,558	14.07	10,267,165	3,780,000	43.5	6.12	57,040	5.82	131,406	637	28.83	20,000,000	1 to 2.3	301,124	19.28	13,634	19.53	14.5	11.0	152.2	7.80	1,316	200,418	18.34
1867	11,562,273	33.18	11,978,359	3,960,000	.....	.....	66,145	15.96	114,416	701	34.24	20,000,000	1 to 1.7	337,463	12.06	16,498	21.00	.....	22.6	174.8	14.84	.....	.....	.....
1868	14,724,999	27.35	13,974,752	4,140,000	58.4	34.87	70,589	6.71	110,166	760	36.43	38,000,000	1 to 2.6	420,656	24.65	20,915	26.77	11.7	33.8	208.6	19.35	1,208	252,054	25.76
1869	18,633,278	26.54	16,303,878	4,320,000	.....	.....	77,670	10.03	158,400	658	34.09	38,000,000	1 to 2.2	476,968	13.38	28,308	35.34	.....	31.3	239.9	15.00	.....	.....	.....
1870	21,766,260	16.81	19,021,191	4,536,000	72.8	24.65	79,890	2.85	139,475	616	40.35	38,000,000	1 to 1.7	539,318	13.07	35,313	24.74	8.2	32.5	272.4	13.13	1,096	298,700	18.56
1871	23,464,877	7.80	22,191,389	4,752,000	72.2	.....	81,568	2.10	132,095	616	53.58	38,000,000	1 to 1.6	446,265	‖17.26	38,110	7.92	8.2	15.3	287.7	5.51	1,130	325,000	.....
1872	27,536,819	17.35	25,889,954	5,004,000	74.5	2.33	88,605	8.62	122,272	648	50.62	38,000,000	1 to 1.3	543,914	21.88	42,511	11.54	8.3	23.1	310.8	8.02	1,188	369,293	23.63
1873	32,117,312	16.63	30,204,947	5,256,000	.....	.....	91,387	3.14	210,562	669	45.31	74,000,000	1 to 2.3	708,834	30.32	47,995	12.90	.....	40.6	351.4	13.06	.....	.....	.....
1874	33,090,952	18.60	35,239,104	5,544,000	96.3	29.40	98,579	7.87	191,511	738	53.94	74,000,000	1 to 1.9	705,926	‖0.41	51,563	7.43	7.7	35.0	386.4	10.00	1,023	395,408	7.07
*1875	39,841,556	4.00	41,112,288	5,832,000	.....	.....	97,180	‖1.44	188,438	720	.....	74,000,000	1 to 1.8	637,996	.....	55,293	7.23	.....	23.6	410.0	6.10	.....	.....	.....
1876	41,931,481	5.23	47,964,337	.....	103.0	7.00	100,700	3.62	177,713	733	50.42	74,000,000	1 to 1.7	831,555	17.79	57,130	3.32	7.1	6.4	416.4	1.56	977	407,000	2.93
1877	52,183,892	24.45	55,958,393	.....	.....	.....	122,578	22.02	244,890	803	57.77	104,000,000	1 to 2.0	902,476	8.52	59,369	3.91	.....	8.2	424.6	1.96	.....	.....	.....
1878	53,600,780	2.71	65,284,792	.....	122 7	19.12	124,673	1.46	241,900	801	56.77	104,000,000	1 to 1.9	944,190	4.62	61,384	3.40	7.1	5.3	429.9	1.24	1,016	436,731	7.30
†1879	56,322,441	5.07	76,165,590	.....	118.7	.....	127,651	1.95	235,667	†886	61.08	104,000,000	1 to 1.8	922,011	‖2.24	63,510	3.46	7.5	11.4	441.3	3.07	1,075	§ 474,400	.....
Average for 21 Years		15.39				15.67		5.70							12.20		13.53		17.6		9.10			17.26

The following Estimate for the next Five Years is based on the Result of the past Twenty-one Years, as Shown Above.

1880	58,861,552	.....	.....	.....	114.9	.....	128,266	.....	226,628	887	61.24	104,000,000	1 to 1.7	961,051	.....	66,312	.....	7.7	17.6	458.9	.....	1,115	512,060	17.26
Actual.	57,384,376	2.16	.....	.....	112.0	‖ 5.9	126,009	‖0.87	228,370	‡844	66.70	104,000,000	1 to 1.8	860,369	‖6.07	67,949	7.00	7.5	14.1	435.4	2.77	1,124	.....	.....
1881	61,400,663	.....	.....	.....	.....	.....	128,830	.....	218,212	888	61.39	104,000,000	1 to 1.6	1,000,091	.....	69,114	.....	.....	17.6	476.6	.....	1,167	536,250	17.26
Actual.	63,922,200	4.09	.....	.....	114.9	2.5	125,343	7 00	220,200	865	68.24	104,000,000	1 to 1.6	936,802	8.88	73,627	8.35	7.5	16.8	472.3	3.07	1,177	.....	.....
1882	63,939,774	.....	.....	.....	106.4	.....	129,380	.....	210,441	889	61.53	104,000,000	1 to 1.6	1,039,131	.....	71,916	.....	8.3	17.6	494.2	.....	1,215	600,450	17.26
Actual.	66,166,969	3.51	.....	.....	110.1	‖ 4.3	133,079	‖1.70	209,171	839	63.67	104,000,000	1 to 1.5	1,049,693	11.09	78,400	7.08	8.6	24.8	497.2	5.27	1,207	.....	.....
1883	66,478,885	.....	.....	.....	.....	.....	129,866	.....	203,164	890	61.65	104,000,000	1 to 1.5	1,078,171	.....	74,718	.....	.....	17.6	511.9	.....	1,254	652,260	17.26
Actual.	73,265,592	10.72	.....	.....	112.3	2.00	141,276	6.16	200,540	857	64.10	104,000,000	1 to 1.4	1,142,868	8.94	85,496	8.44	7.6	21.4	518.6	4.30	1,258	.....	.....
1884	69,017,996	.....	.....	.....	98.0	.....	130,345	.....	196,411	890	61.77	104,000,000	1 to 1.5	1,117,211	.....	77,520	.....	9.0	17.6	529.5	.....	1,328	704,080	17.25
Actual.	80,017,990	9.52	.....	.....	113.6	1.16	147,281	4.25	246,641	868	66.65	104,000,000	1 to 1.6	1,200,538	5.05	92,133	7.77	7.6	24.7	543.3	4.76	1,296	.....	.....

* Municipal year changed from April 1st to January 1st. The items are for nine months only.

‡ A trifle over two per cent. of this quantity was used by water engines.

† An average of about 1,213,000 gallons were used by water engines.

‖ Decrease.

§ Estimated.

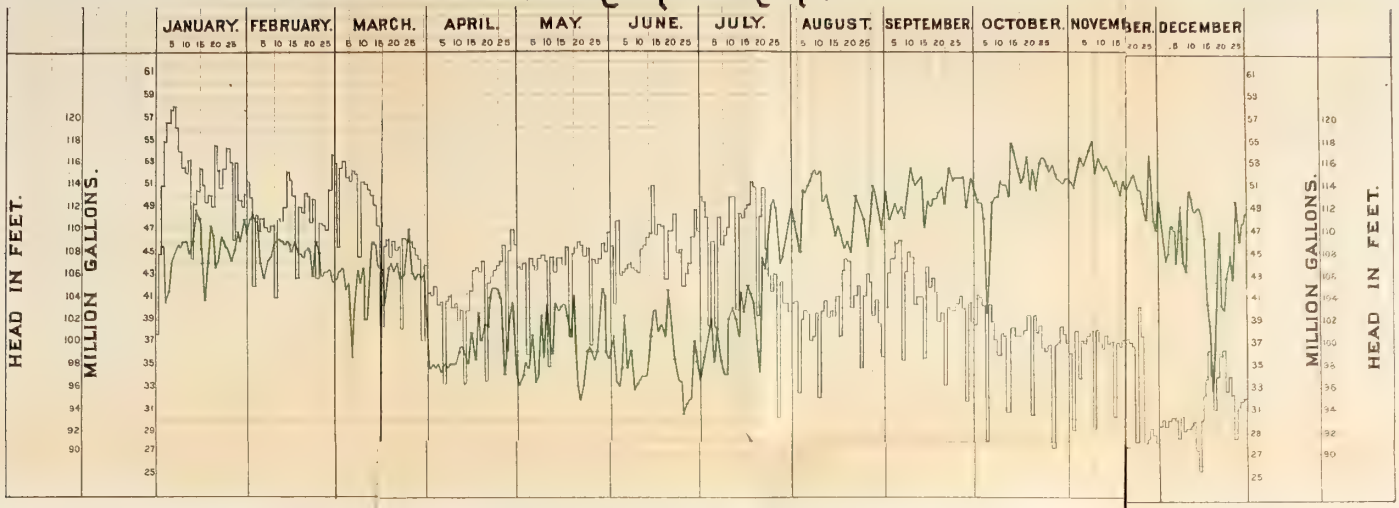
The following diagram gives a graphical illustration of the daily quantity pumped at each Works, and also of both Works combined, with a daily record of the temperature, which shows the influence of the weather upon the quantity of water used in the city.

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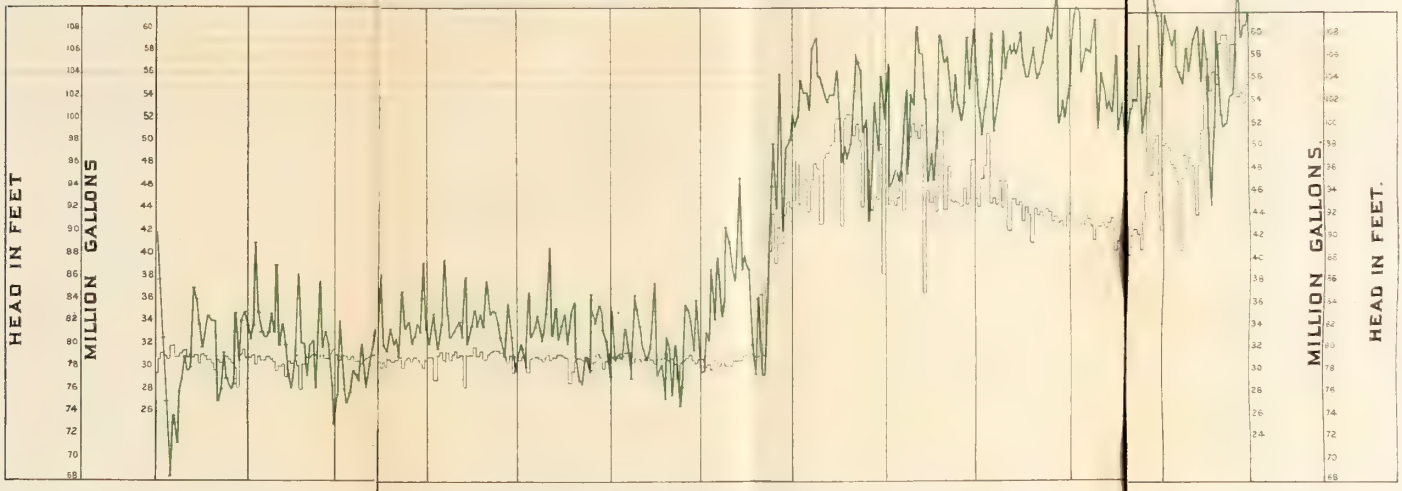
DIAGRAM OF PUMPAGE FOR 1884.

QUANTITY HEAD AND TEMPERATURE.

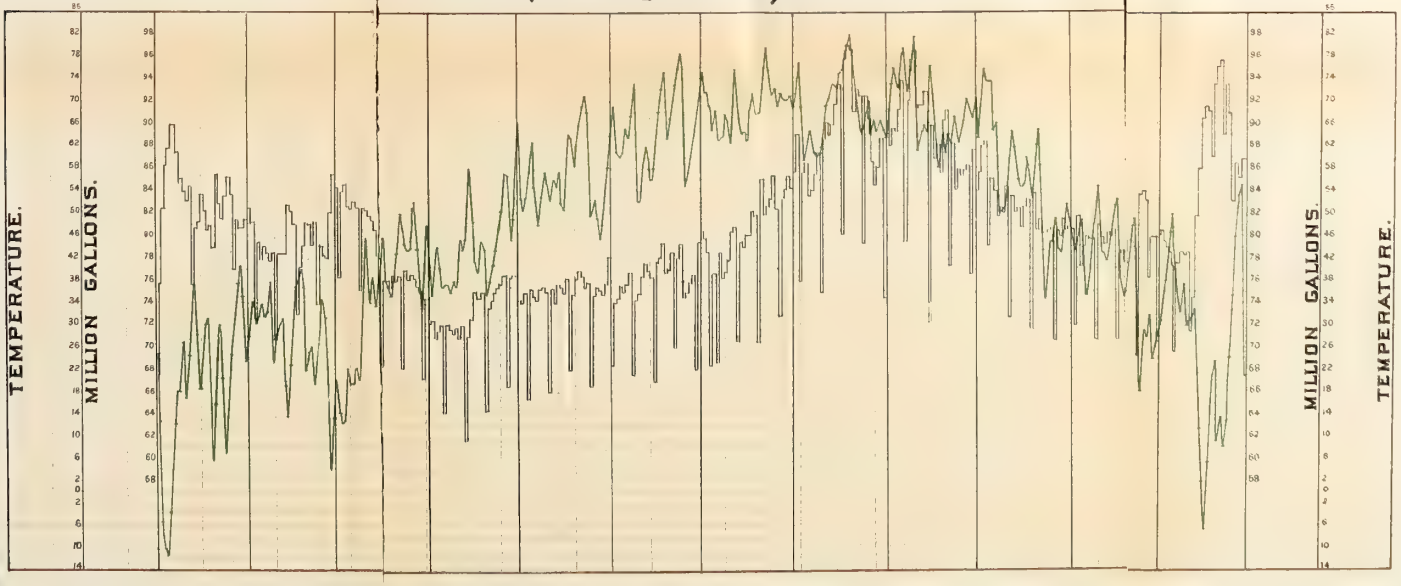
NORTH WORKS.



WEST WORKS.



BOTH WORKS COMBINED.



BLACK LINES DENOTE QUANTITY.

GREEN LINES DENOTE HEAD AND TEMPERATURE.

THE
JOHN CRERAR
LIBRARY.

RAIN FALL FOR YEAR 1884.

FROM DATA FURNISHED BY OFFICER SIGNAL SERVICE.

DAYS OF THE MONTH.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.
1	0.30	*	0.14	0.34	0.68	0.09				0.01		
2	0.09		0.03	0.15	0.07	0.55	0.15			*		
3								0.23			0.18	
4		0.60			0.31	0.22	0.18	0.02		0.14	0.69	
5		0.32	*			*	0.25			0.06	0.02	0.24
6		0.03	*		0.01			0.14				0.68
7			0.12	0.14					0.14	0.20		0.05
8	0.17	0.01	0.08	0.11			0.17			1.26		
9	*	0.15		*		*	0.02					
10			0.01	*	0.07				0.07			
11		0.11	0.04						0.02	0.05		
12	0.05	1.13	0.01	0.02	*							0.07
13		0.15		*		0.29						0.07
14	0.01			*			*					0.09
15	0.02			1.74								
16		0.03		0.15					0.18	0.73	0.14	0 08
17		0.22	*			*					*	0.06
18	0.13		0.46	0.12	0.05	0.29						
19	0.10	0.15	0.25		0.01							
20				0.28				0.35				0.19
21				*				0.01		0.77		0.01
22		0.02	0.29		0.03	0.59					0.09	*
23	0.19	0.08	0.07		0.01	*	0.70		0.31	*	0.61	0.06
24	0.07	0.19					0.78	0.08	0.47		*	0.13
25		0.04	3.20			0.37	0.03	0.11			0.02	0.11
26			0 06		*		0.73			0.36	0.01	
27	0.10	0.05							1.09	0.01	0.04	0.62
28	0.03		0.29					1.27	0.01			0.57
29		*	*				0.02				*	0.53
30	0.13						0.56	0.29	*			0.56
31			0.11				0.12			*		0.09
Totals	1.39	3.27	5.16	3.05	1.53	2.11	3.71	2.50	2.29	3.59	1.80	4.21

NOTE.—*Too small to measure.
Total for the year, 34.61 inches.
Greatest for one day, March 25th, 3.20 inches.

NORTH PUMPING WORKS,
CHICAGO, Jan. 27, 1885.

S. G. ARTINGSTALL,

City Engineer.

SIR:—I herewith submit the Thirty-second Annual Report of the operations of these works, the same being for the year ending December 31, 1884.

The total quantity of water pumped, with an allowance of $5\frac{2}{3}$ per cent. for loss of action in pumps, is 15,405,650,785 gallons, being $5\frac{87}{100}$ per cent. decrease of the quantity pumped during the year 1883. The daily average was a little over 42 million gallons—a little over $2\frac{7}{10}$ millions less than in 1883.

The greatest daily average pumped for a single month was in January, a little over 51½ million gallons. The least daily average for a like period was during December—nearly $31\frac{2}{10}$ million gallons.

The largest quantity pumped for a single day was on the 7th of January, nearly $58\frac{2}{10}$ million gallons. The least quantity pumped for a single day was on the 15th of December, nearly 26 million gallons.

The following tabulated record exhibits in detail the operations of these Works for the year 1884:

MONTHS. 1884.	No. of Days.	No. of Hours run per Month.	Average No. of hours run per day.	Total Revolutions per Month.	Average No. of revolutions per day.	Total No. of Gallons of Water pumped per month, less 5% per cent. for loss of action.	Av'ge No. of Gallons of Water pumped per Day less 5% per cent. for loss of action.	Pounds of Coal consumed per Month for Pumping.	Av'ge No. of Pounds of Coal consumed per day, for Pumping.	Pounds of Coal consumed per Month for changing Boilers.	Total pounds of Coal consumed per Month.	Average head against Pumps in feet.	DUTY.
		H. M.	H. M.										
January	31	744:00	24:00	1,172,717	37,829	1,597,746,065	51,540,195	3,214,120	103,681	6,500	3,220,620	108.3	44,899,300
February	29	696:00	24:00	984,052	33,933	1,400,054,060	48,277,726	2,760,490	95,182	9,700	2,770,190	108.2	45,768,800
March	31	744:00	24:00	1,019,562	32,889	1,461,838,615	47,156,084	2,842,030	91,678	3,000	2,845,030	105.7	45,335,600
April	30	720:00	24:00	873,005	29,100	1,243,150,060	41,438,335	2,496,230	83,208	6,500	2,502,730	100.0	41,534,000
May	31	744:00	24:00	964,161	31,102	1,352,183,420	43,618,820	2,592,370	83,625	6,400	2,598,770	99.8	43,247,600
June	30	720:00	24:00	915,559	30,518	1,334,334,220	44,477,807	2,436,380	81,213	3,800	2,440,180	98.6	45,036,200
July	31	744:00	24:00	1,025,972	33,096	1,400,897,800	45,190,251	2,610,870	84,221	6,500	2,617,370	104.0	46,539,300
August	31	744:00	24:00	846,605	27,309	1,231,432,525	39,723,629	2,355,550	75,985	6,500	2,362,050	111.6	48,657,200
September	30	720:00	24:00	873,859	29,128	1,228,234,905	40,941,163	2,311,600	77,053	3,200	2,314,800	113.4	50,251,200
October	31	744:00	24:00	801,941	25,869	1,147,392,310	37,012,655	2,186,170	70,521	6,500	2,192,670	114.1	49,941,600
November	30	720:00	24:00	793,089	26,436	1,042,210,985	34,740,366	1,989,760	66,325	4,000	1,993,760	114.6	50,061,600
December	31	744:00	24:00	1,267,782	40,735	966,175,820	31,166,962	1,899,500	61,274	9,700	1,909,200	108.3	45,942,000
Totals	366	8,784:00	-----	11,538,304	------	15,405,650,785	---------	29,695,070	-------	72,300	29,767,370	107.2	46,382,700
General Average per month.	----	732:00	-----	961,525	------	1,283,804,232	---------	2,474,589	-------	6,025	2,480,614	-----	---------
General Average per day.	----	---------	24:00	---------	31,525	----------	42,091,942	---------	81,134	197	81,331	-----	---------

NOTE.—Coal for heating building and pumping out wells included in above amount.

The annexed table sets forth the total quantity of water pumped, and the time run by the several engines respectively:

Engines Designated as	Hours and Minutes. H. M.	Total Revolutions.	Total Gallons of Water pumped, less 5⅔ per cent. for loss of action.
1853	1,552:40	946,664	463,865,360
1857	3,661:05	2,229,916	1,717,035,320
1867	6,266:40	4,283,645	4,069,462,750
1872	7,888:40	4,078,079	9,155,287,355
Totals	19,369:05	11,538,304	15,405,650,785

The south or "72" engines, with the exception of one or two stoppages of a few hours' duration, have been in continuous operation from the 6th of May, 1883, to November 25th, last, when they were stopped for overhauling.

The three largest engines, upon the 6th, 7th, and 8th of January last, were running together for the full 24 hours for the first time; and during the summer months all of the engines were running until the 23d of July, when the new engines at the West Side Works were put in operation.

FUEL.

Coal has been received and used as follows:

LACKAWANNA COAL.

	Tons.	Pounds.	Tons.	Pounds
On Hand January 1, 1884.			441	340
Received			15,337	1,040
Used for Pumping, Heating Building, etc	14,847	1,070		
Carried forward	14,847	1,070	15,778	1,380

Brought forward	14,847	1,070	15,778	1,380
Used for Work Shop	209	600		
On Hand January 1, 1885.	721	1,710		
Total	15,778	1,380	15,778	1,380

LAUREL HILL COAL.

	Tons.	Pounds.	Tons.	Pounds.
On Hand January 1, 1884.			3	1,820
Received			115	720
Used for Changing Boilers.	36	300		
Used for Work Shop, Pipe extension, etc	79	240		
On Hand January 1, 1885.	4			
Total	119	540	119	540

EXPENSES DUE TO PUMPING.

Salaries of engineers	$ 7,300 00
Labor, firemen, etc	17,315 45
14,847 $\frac{1070}{2000}$ tons Lackawanna coal at an average cost of $5.91 per ton	87,748 29
510½ gallons of lard oil	387 83
516 gallons of cylinder oil	516 00
335 pounds of solidified oil	84 50
8 pounds of lubricating compound	2 80
224½ pounds of tallow	19 14
366½ pounds of packing	114 86
2,007 pounds of waste	189 46
Small stores	103 99
Gas for lighting works	973 14
Repairs of fire-room tools	30 34
Repairs of engines	1,547 04
Repairs of boilers	2,455 77
Total	$118,788 61

Cost of delivering water per million gallons	$7 71 7/100
Cost of delivering water per million gallons one foot high	07 19/100
Cost of repairs of engines and boilers	26 73/100

Distributed as follows:

To engines	10 78/100
To boilers	15 95/100

The following is the cost of delivering water per million gallons during the past ten years, and cost of coal:

	Average Cost of Coal per Ton.	Cost of Pumping.
1875, (nine months only)	$ 7 93	$ 10 81
1876,	7 15	9 56
1877,	5 38	7 09
1878, (estimated screenings used)	4 39	6 24
1879,	4 14	5 65
1880,	4 83	5 68
1881,	6 18	7 12
1882,	6 16	7 34
1883,	5 78	7 27
1884,	5 91	7 71
	$ 5 78	$ 7 45

The quantity of water pumped, head, cost of coal and repairs, cost of coal per ton and total cost per mil-

lion, for the past ten years, is shown in the following table:

YEAR.	Galls. Pumped.	Head.	Cost of Repairs of Engines & Boilers.	Cost of Repairs per Million Gallons.	Cost of Coal per Ton.	Total Cost of Pumping one Million Gal's.	Cost of Pumping one Mill'n Gallons 1 foot high.
1875 (9 Months)	10,957,252,996	105.	1,611 86	0 14 $\frac{7}{10}$	7 92	10 81 $\frac{6}{10}$	0 10 $\frac{8}{10}$
1876	14,525,858,798	113.	2,470 30	0 17	7 15	9 56 $\frac{4}{10}$	0 08 $\frac{46}{100}$
1877	11,958,977,636	110.	2,734 99	0 22 $\frac{87}{100}$	5 38	7 09 $\frac{64}{100}$	0 06 $\frac{45}{100}$
1878	11,145,370,232	106.	1,801 42	0 16 $\frac{16}{100}$	4 39	6 24 $\frac{24}{100}$	0 05 $\frac{88}{100}$
1879	11,153,103,981	102.08	714 04	0 09 $\frac{47}{100}$	4 14	5 65 $\frac{55}{100}$	0 05 $\frac{54}{100}$
1880	12,354,008,905	104.7	1,208 67	0 09 $\frac{78}{100}$	4 83	5 67 $\frac{82}{100}$	0 05 $\frac{42}{100}$
1881	13,758,940,879	105.78	2,200 07	0 16	6 18	7 12 $\frac{29}{100}$	0 06 $\frac{73}{100}$
1882	14,150,193,884	105.38	696 68	0 04 $\frac{92}{100}$	6 16	7 34 $\frac{6}{100}$	0 06 $\frac{96}{100}$
1883	16,365,263,090	107.4	1,388 71	0 09 $\frac{4}{100}$	5 78	7 26 $\frac{88}{100}$	0 06 $\frac{76}{100}$
1884	14,505,650,785	107.2	4,002 81	0 26 $\frac{78}{100}$	5 91	7 71 $\frac{7}{100}$	0 07 $\frac{19}{100}$

TABLE SHOWING QUANTITY OF WATER PUMPED AT THE "NORTH PUMPING WORKS" EACH MONTH DURING PAST TEN YEARS.

Month	1875.	Month	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
April...	1,243,837,877	Jan....	1,208,668,563	719,462,385	898,314,968	1,138,741,694	987,419,633	1,160,313,094	1,060,553,493	1,459,650,870	1,597,746,065
May....	1,256,605,053	Feb....	1,169,388,859	774,594,448	815,598,987	983,647,626	906,653,592	1,071,244,080	984,359,947	1,387,274,940	1,400,054,060
June...	1,163,985,505	March..	1,244,271,298	1,088,521,780	906,047,019	1,083,257,148	978,890,272	1,084,122,691	1,126,205,744	1,390,238,480	1,461,838,615
July....	1,239,434,124	April...	1,199,825,593	1,109,008,815	586,000,942	677,241,146	974,805,639	1,005,401,896	1,010,929,508	1,206,918,690	1,243,150,060
August.	1,272,876,926	May....	1,306,577,131	1,154,372,813	639,630,064	781,082,231	1,060,443,267	962,315,027	1,148,043,237	1,226,970,205	1,352,183,420
Sept....	1,199,570,888	June...	1,237,317,437	1,110,876,865	724,020,984	755,459,026	1,086,446,318	1,057,288,288	1,231,069,204	1,279,606,075	1,334,334,220
Oct.....	1,227,568,188	July....	1,358,762,909	1,115,239,814	1,114,216,563	1,046,815,119	1,122,556,346	1,272,257,588	1,303,469,202	1,414,407,680	1,400,897,800
Nov....	1,160,694,177	August	1,376 669,544	1,066,176,419	1,122,492,614	1,069,289,439	1,069,773,864	1,339,158,996	1,314,724,931	1,435,126,930	1,231,432,525
Dec....	1,192,680,258	Sept....	1,243,745,860	1,012,628,066	1,050,831,650	989,337,876	1,080,682,710	1,236,847,152	1,300,657,799	1,307,348,100	1,228,234,905
Jan....	*1,193,462,490	Oct....	1,268,071,044	998,713,776	1,064,588,733	1,047,124,358	1,038,422,722	1,344,345,991	2,230,715,910	1,294,425,370	1,147,392,310
Feb....	*1,136,965,231	Nov....	1,015,851,277	909,774,581	1,145,355,798	786,223,037	982,329,141	1,227,120,714	1,155,586,563	1,530,954,540	1,042,210,985
March..	*1,355,239,536	Dec....	869,709,283	899,607,884	1,078,271,910	794,884,281	1,065,582,401	998,525,362	1,283,878,346	1,432,341,210	966,175,820
Totals.	14,642,920,253	T't'ls.	14,525,858,798	11,958,977,646	11,145,370,232	11,153,102,981	12,354,008,905	13,758,940,879	14,150,193,884	16,365,263,090	15,405,650,785

*These three months' figures were borrowed from the previous year (the commencement of the municipal year having been changed), in order to make up twelve months' work. They exceed the actual quantity pumped by 63,338,537 gallons, but it being leap year, there were twenty-nine days in February, besides which the new Pumping Works were in operation.

The following is a statement of the work done at the machine shops on the premises of the North Pumping Works:

Hydrants, stop-valves, etc., have been manufactured during the year as follows:

NEW HYDRANTS.

Four-inch, (double nozzle)	1
Two and a half inch, (double nozzle)	333
Two and a half inch, (single nozzle)	77
Total manufactured	411
Of this number there have been used	408
Leaving on hand January 1, 1885 of two and a half inch (double nozzle) hydrants	3

NEW STOP VALVES.

Four inch	101
Six inch	152
Eight inch	57
Twelve inch	16
Sixteen inch	10
Twenty-four inch	3
Total manufactured	339
Of this number there have been used	249
Leaving on hand January 1, 1885	90

Of the following sizes, viz:

Four inch	47
Six inch	22
Eight inch	13
Twelve inch	3
Sixteen inch	4
Twenty-four inch	1
Total	90

The above list includes the hydrants and stop-valves reported on hand January 1, 1884, which were carried over as "stock" on hand.

In addition to the foregoing work, a number of hydrants and stop-valves have been repaired, and the usual amount of repairing has been done for the various departments of the city.

The total expenditure for labor and material on account of shops, including value of stock on hand January 1, 1885, is		$39,075 51
Charged to the following accounts, viz:		
Water Department (pumping)	$6,233 25	
Water Department (other than pumping)	1,454 59	
New hydrants and stop-valves	19,206 02	
Pipe extension	352 04	
Carried forward	$27,245 90	$39,075 51

Brought forward	$27,245 90	$39,065 51
Tapper's tools	148 38	
Meter Department	1,063 17	
Street Department	505 93	
Fullerton Avenue Conduit	53 55	
Bridge Department	65 30	
Sewer Department	29 15	
La Salle Street Tunnel	23 96	
City Hall Building	2 79	
Fire Department (coal, half of expenses firing, and repairs of Engines and Boilers,	882 34	
Expenses running shop, coal, gas, etc.	3,263 87	
Stock on hand Jan'y 1, 1885	5,791 17	
Total	$ 39,075 51	$39,075 51

The value of work done in the shop, estimating the same at less than current prices for like articles, is		$44,480 00
Add coal, attendance, etc., used by Fire Department		882 34
Deduct as shown	$ 39,075 51	
Deduct 10 per cent. for interest and depreciation of tools, etc., costing $10,130 09	1,013 00	
Leaving nominal net earnings of shop	5,273 83	
Total	$45,362 34	$45,362 34

Cost of tools previously reported,		$ 9,050 71
Add by repairs past year	$ 135 78	
Add by tools	943 60	1,079 38
Present value of tools		$10,130 09
Value of stop-valves and hydrants, before noted as on hand January 1, 1885, together with the raw material in the shop, is		5,791 17
Total value of stock and tools,		$ 15,921 26

A new lathe has been added to the tools in the shop, the bed and running parts, were part of the machinery burned in the fire of 1871, so that the gearing is all that is new about it. The most of the cost was the labor of planing and fixing up the different parts, and setting up in place. There has been also added to the list of tools a new bolt cutter. There has been considerable more work done in the shop during the year as will be seen by the foregoing figures.

The two turrets on front walls of main building, left unfinished last winter, have been finished and the interior of walls, doors and wood work has been painted; the gallery has been finished and painted; the old fire room roofs removed and the trusses rebuilt, a new corrugated iron covering painted inside and out, and the walls carried up to meet new roof.

The shore inlet continues to give a great deal of trouble to keep clear and open. In August last, it had become so choked up with bark, I had considerable difficulty in cleaning it out The bark is hauled out into the lake by some vessel and dumped, and the first wind blowing from the east brings it all in shore.

Respectfully submitted,

F. TRAUTMANN,

Engineer.

WEST PUMPING WORKS,
CHICAGO, Feb. 13, 1885.

SAMUEL G. ARTINGSTALL, ESQ.,

City Engineer.

SIR:—The ninth annual report of the operation of these works, being for the year ending December 31, 1884, is herewith submitted.

ENGINES AND BOILERS.

The old engines have been in continual operation during the year, except during the months of October and November, when they were shut down for two weeks alternately, to be overhauled. The old boilers are in good condition and have required but slight repairs during the year.

The new engines, constructed by the Quintard Works, New York, were completed in July, and

started for the first time on July 21st, and with but slight intermissions were in continual operation the rest of the year. The average head against the pumps up to the time the new engines were started, for the year, was eighty-one feet; for the remainder of the year, one hundred and three feet. When we have extreme hot or cold weather we are obliged to run the four engines day and night to their full capacity, which proves conclusively that we have about reached the limit of our capacity, and that prompt measures should be taken to enlarge the water supply in the city.

The new engines and boilers differ in some respects from the old ones. The new boilers are six inches larger in diameter and two feet longer; also, in placing seventy feet of ten-inch wrought iron pipe over the boilers for superheating the steam, which has proven very beneficial.

The changes in the engines are principally in the construction of the valves in the main pumps, which are of the double beat type, there being twelve 8-inch and one 24-inch in each foot valve seat, and ten 8-inch and one 24-inch in each bucket. The old pumps have rubber valves of the Morris type, and have given a good deal of trouble, on account of our not being able to get the proper quality of rubber. I have had a set made at the Chicago Rubber Works, which has given a great deal better satisfaction.

The following gives the dimensions of the principal parts of the new engines and boilers:

6 boilers, 7 feet diameter, 18 feet long.

68 4½-inch tubes in each boiler.

Engines—compound condensing type.

High pressure cylinder,	48	inch	diam.	6	foot stroke.
Low " "	76	"	"	10	" "
Water pumps	52¼	"	"	10	" "
Air pumps	38	"	"	4.6	" "
Fly wheels	32	feet	"	60	tons each.
Working beams	38	feet	long,	32	" "

The number of gallons of water pumped, head against pump, and coal burned during the year is shown in the following table:

TABLE No. 1. OPERATION OF ENGINES AND BOILERS AT WEST PUMPING WORKS, 1884.

MONTHS. 1884.	Number of Days.	No. of Hours run per Month.	Average Number of Hours run per Day.	Total Revolutions per Month.	Average No. of Revolutions per Day.	Total No. of Gallons of Water Pumped less 5⅔ per cent. for Loss of Action.	Average No. of Gallons of Water Pumped per Day less 5⅔ per cent.	Pounds of Coal consumed per Month for Pumping.	Average Number of Pounds of Coal consumed per Day for Pumping.	Pounds of Coal consumed per Month for changing boilers.	Total Pounds of Coal consumed per Month.	Average Head Against Pump.
		H. M.	H. M.									
January	31	744:00	24:00	955,790	30,832	955,790,000	30,831,935	1,300,600	41,955	6,800	1,307,400	79.2
February	29	696:00	24:00	889,546	30,673	889,546,000	30,674,000	981,800	33,855	4,200	986,000	80.5
March	31	744:00	24:00	954,418	30,787	954,418,000	30,787,700	958,870	30,931	1,400	960,270	79.9
April	30	720:00	24:00	930,908	31,030	930,908,000	31,030,266	847,500	28,250	4,200	851,700	81.7
May	31	744:00	24:00	952,907	30,739	952,907,000	30,738,935	122,105	3,939	-------	122,105	81.0
June	30	720:00	24:00	926,524	30,884	926,524,000	30,884,133	----------	-------	80,000	80,000	79.8
July	31	744:00	24:00	1,058,401	34,142	1,061,390,500	34,238,400	331,171	10,683	6,650	337,821	87.5
August	31	744:00	24:00	1,449,881	46,770	1,482,553,340	41,372,690	947,900	30,577	17,000	964,900	101.0
September	30	720:00	24:00	1,374,853	45,828	1,404,673,420	46,822,446	857,275	28,575	6,600	863,875	101.2
October	31	744:00	24:00	1,340,306	43,235	1,381,246,760	44,556,347	1,118,000	36,064	3,600	1,121,600	104.4
November	30	720:00	24:00	1,269,927	42,330	1,316,406,000	43,880,200	1,284,200	42,806	-------	1,284,200	104.8
December	31	744:00	24:00	1,576,603	50,858	1,624,570,660	52,405,500	1,971,400	63,593	18,900	1,990,300	105.0
Totals	366	8,784:00	------	13,680,064	-------	13,880,933,680	----------	10,720,821	-------	149,350	10,870,171	----
Gen'l Average per month	---	732:00	------	1,140,004	-------	1,156,744,473	----------	----------	-------	-------	----------	90.5
Gen'l Average per day	---	-------	24:00	----------	37,480	----------	37,926,048	----------	-------	-------	----------	----

NOTE.—No duty figured or average of coal burned on account of using petroleum oil with coal as fuel during the year. During the month of June petroleum oil was used entirely for pumping.

Petroleum oil was used with coal during the year and worked very satisfactory. It also demonstrated that in large institutions it can be applied with safety.

The following table shows the total quantity of water pumped and the hours run by the four engines respectively:

Engines Designated as	No. of Hours.	Total Revolutions.	Total gallons of water pumped less 5¾% for loss of action.
	HRS. M.		
No. 25.....	8183:10	5,132,228	5,132,228,000
No. 26.....	8170:	5,133,123	5,133,123,000
No. 50.....	2992:50	1,704,357	1,806,293,940
No. 51.....	3007:45	1,710,356	1,809,288,740
Total.....	22353:45	13,680,064	13,880,933,680

These works pumped over nine (9) million gallons more per day, or about thirty-three (33) per cent. more in the aggregate than during last year.

The following tables show the cost of repairs of engines and boilers; cost of repairs per million gallons, average cost of coal per ton, total cost per million, and cost one foot high, up to December 31, 1884:

TABLE No. 2.

YEAR.	Gallons. Pumped.	Head.	Cost of Repairs of Engines and Boilers.	Cost of Repairs per Million Gallons.	Cost of Coal per ton.	Cost per Milli'n.	C'st p'r Million, One Foot High.
1877	7,088,127,000	109.0	$1123 61	$0 15 85/100	$5 22	$6 66	$0.06 11–100
1878	8,418,918,000	106.0	583 66	06 95/100	3 67	5 45	0.05 14–100
1879	9,404,588,000	101.6	1879 70	23 19/100	2 62	5 02	0.04 98–100
1880	8,648,673,000	98.3	366 96	04 24/100	3 60	5 15	0.05 24–100
1881	9,572,845,000	90.0	1100 18	11 48/100	3 60	5 25	0.05 83–100
1882	10,000,750,000	88.2	854 90	08 54/100	3 90	5 00	0.05 68–100
1883	10,376,678,000	85.1	2345 63	22 60/100	4 10	5 09	0.05 98–100
1884	13,880,933,680	90.5	1285 53	9 26/100	2 96	4 96	0.05 48–100

TABLE No. 3. TABLE SHOWING QUANTITY OF WATER PUMPED AT THE "WEST PUMPING WORKS" EACH MONTH DURING PAST EIGHT YEARS.

MONTHS.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January	863,507,000	663,352,000	845,958,000	579,725,000	885,170,000	765,040,000	937,631,000	955,490,000
February	630,355,000	585,950,000	775,107,000	626,542,000	800,886,000	740,278,000	840,848,000	889,546,000
March	454,973,000	660,264,000	846,632,000	696,280,000	866,546,000	800,646,000	905,736,000	954,418,000
April	422,888,000	793,902,000	823,126,000	683,913,000	797,300,000	821,658,000	881,055,000	930,908,000
May	473,630,000	781,498,000	858,911,000	720,602,000	845,572,000	852,296,000	913,965,000	952,907,000
June	485,779,000	800,213,000	820,662,000	727,172,000	812,954,000	826,842,000	892,912,000	926,524,000
July	618,043,000	789,700,000	738,578,000	794,964,000	876,338,000	858,186,000	929,324,000	1,061,390,500
August	656,266,000	784,651,000	735,461,000	828,475,000	892,158,000	864,874,000	941,678,000	1,482,553,340
September	635,651,000	721,236,000	675,686,000	717,349,000	843,576,000	832,256,000	909,998,000	1,404,673,420
October	624,664,000	687,267,000	688,678,000	734,456,000	879,467,000	866,076,000	931,694,000	1,381,246,760
November	599,707,000	486,168,000	764,259,000	732,878,000	574,679,000	859,408,000	772,400,000	1,624,570,660
December	612,665,000	664,717,000	831,530,000	816,317,000	798,199,000	913,190,000		
Totals	7,088,127,000	8,418,918,000	9,404,588,000	8,648,673,000	9,572,845,000	10,000,750,000	10,376,678,000	13,880,933,680

Coal has been received and used as follows:

	Tons.	Lbs.
On hand Jan. 1, 1884, Pittsburg nut	213	596
Received, Pittsburgh nut.	1,363	1,425
Received, screenings	4,002	450
Received, Laurel Hill lump	119	1,200
Received, Piedmont	128	800

USED.

	Tons.	Lbs.		
For pumping, heating building, etc.	5,360	821		
For changing boilers and heating new boilers	74	1,350		
On hand Jan. 1, 1885	392	300		
Total	5,827	471	5,827	471

EXPENSES DUE TO PUMPING.

Salaries, engineers, firemen and laborers	$ 25,421	78
Cylinder oil	1,157	50
Lard oil	74	94
Lubricating compound	1,098	95
Coal	16,639	52
Petroleum oil as fuel	19,234	29
Cotton waste	219	11
Hardware	74	15
Rubber and packing	182	58
Fire brick and clay	180	96
Fire tile	186	00
Carried forward	$64,469	78

Brought forward	$64,469 78
Pump valves, rubber	1,322 41
Pipes and fittings	166 88
Lumber	36 81
Small Stores	229 34
Gas	1,398 10
Repairs to Engines	1,075 19
Repairs to Boilers	210 34
Total Expenses for Pumping	$68,908 85

Cost of delivering water per million gall's	$ 4 96$\frac{43}{100}$
Cost of delivering water per million gall's one foot high	0 05$\frac{48}{100}$
Cost of repairs of Engines and Boilers per million gallons	0 09$\frac{26}{100}$
Distributed as follows:	
To Engines	0 07$\frac{75}{100}$
To Boilers	0 01$\frac{51}{100}$

The following table shows the cost of delivering water per million gallons during the past eight years, and cost of coal:

	Average Cost of Coal per Ton.	Cost per Million Gall's.
1877	$ 5 22	$ 6 66
1878, Screenings used	3 67	5 45
1879 " "	2 62	5 02
1880	3 60	5 15
1881	3 60	5 25
1882	3 90	5 00
1883	4 10	5 09
1884, Screenings used	2 96	4 96

Assistant Engineers, Stewart, Commons and Mason, as well as all other employes, have been faithful in the discharge of their respective duties.

Respectfully submitted,

HENRY MASON,

Engineer.

CHICAGO, Jan. 1, 1885.

SAMUEL G. ARTINGSTALL, ESQ., *City Engineer:*

DEAR SIR:—I herewith present a report of the number of water meters in use on the 31st day of December, 1883, also the number added, removed and purchased during the year 1884; also the number of hydraulic engines for elevators and other purposes, together with the amount of revenue collected during the year 1884 for water measured by meters and used by hydraulic engines.

Respectfully submitted,

JOHN COMISKEY,

Supt. Meters.

HYDRAULIC ENGINES.

The following list shows the number in use and the number added during the past year, 1884:

Number in use December 31, 1883	407
Number added during year, 1884	38
Total number in use Dec. 31, 1884	445

Revenue collected during the year 1884, for water measured by meters and used by hydraulic engines amounts to $408,065.89, being an increase of $8,771.26 over the amount collected from same sources during the year 1883.

SIZE OF METERS.	⅝	¾	1	1½	2	3	4	6	TOTAL.
Number in use December 31, 1883	624	153	881	326	239	274	5	1	2,503
Added in 1884	40	40	70	53	57	16	0	0	276
Whole number	664	193	951	379	296	290	5	1	2,779
Number removed during year 1884	32	7	35	9	5	5	1	0	94
Number in use December 31, 1884	632	186	916	370	291	285	4	1	2,685
Meters owned by city	354	49	603	150	93	166	1	0	1,416
Meters owned by private parties	278	137	313	220	198	119	3	1	1,269
Total in use	632	186	916	370	291	285	4	1	2,685
Number purchased from manufacturer	00	48	72	72	60	24	0	0	276
From private parties	18	00	6	3	2	00	0	0	29
Total	18	48	78	75	62	24	0	0	305
Number on hand December 31, 1884	69	15	87	25	15	17	1	0	179

WATER PIPE EXTENSION.

During the year, there has been laid 29.63 miles of main and distribution pipe, being something over seven miles more than was laid in 1883. Of 36-inch main, we have laid only 251 feet, which is used for distribution at the West pumping works; of 24-inch main, we have laid 4,074 feet, which extends the pipe of that size on Harrison street from Robey street to Rockwell street; of 16-inch main we have laid 5,957 feet, of which 4,701 feet are in Thirteenth street, between Wallace street and Wabash Ave., and 1,256 feet in Wabash avenue, between Douglas avenue and Thirty-seventh street; of 12-inch main, we have laid 11,220 feet, or 2⅛ miles, of which amount 2,016 feet are in Garfield avenue, between Halsted and Hurlbut streets, 1,358 feet in Cottage Grove avenue, between Douglas avenue and Thirty-seventh streets, 2214 feet in Thirty-seventh street, between Wabash avenue and Grand Boulevard, 982 feet in Thirtieth street, between Wallace and Emerald streets, 818 feet in Hanover street, between Twenty-ninth and Thirtieth streets, 677 feet in Egan avenue, between Forrest avenue and Grand boulevard, 675 feet in Emerald avenue, between Thirtieth and Thirty-first streets, 368 feet in Thirty-first street, between Emerald avenue and Halsted street, 72 feet at the intersection of Beers and Thirty-eighth streets, and 2,040 feet in Western avenue, between Wilcox avenue and Harrison street.

Of distribution pipe, there was laid about 15.48 miles of 6-inch, 5.81 miles of 8-inch, and 4.26 miles of 4-inch.

We have laid, at the request and expense of property owners, 4,288 feet of 6-inch and 325 feet of 8-inch distribution pipe, the cost of which will be refunded when the annual revenue reaches the amount required by ordinance. This is, of course, included in the total amount of pipe laid.

The pipe taken up or abandoned during the year, consists of 734 feet of 3-inch, 17,705 feet of 4-inch, 6,670 feet of 6-inch, and 649 feet of 8-inch, making a total of 25,758 feet, or nearly 4.88 miles. This has been replaced by 27,746 feet, or nearly 5.25 miles, which is, in most cases, of larger size than that abandoned or taken up. The exceptions are on certain streets where viaduct approaches have been constructed, in which cases it has been found necessary to take up or abandon pipe of sufficient size to supply the localities. In these cases, we have replaced it with pipe of the same or smaller size, laid under the sidewalk on each side of such streets. All pipe taken up is used again.

The net increase of pipe added to the system during the year is about 24.75 miles, and the total amount of pipe in use in the city at the end of the year was $543\frac{1922}{2560}$ miles.

There have been placed in connection with the mains and distribution pipes, 184 stop valves and feeder cocks, ranging in size from 4-inch to 24-inch. Twenty-

one 4-inch and two 6-inch have been taken out and replaced by others of larger sizes, leaving a net increase of 161 to the system during the year. The total number now in use in the mains and distribution pipes is 4,022.

The total number of fire hydrants planted in connection with the system during the year is 538; of these, 388 are 2½ inch double nozzle. We have removed 67 hydrants, and replaced them with others of different sizes, leaving a net increase to the number in use of 471, and the whole number in use in the city, 4,616.

It required 9,159 feet or 1.63 miles of pipe to connect the hydrants planted during the year with the mains.

Experience has shown us that some of the pipe laid years ago was not placed beneath the frost line. We have, therefore, in order to secure service pipes from frost, lowered the pipe on the following named streets:

STREET.	FROM.	TO.
Ada street	Lake street	Washington street
Belden avenue	Clark street	Lincoln Park
Carpenter street	Lake street	Randolph street
Evergreen avenue	Hoyne avenue	Robey street
Fulton street	Paulina street	Western avenue
Hubbard street	Elizabeth street	Ashland avenue
Leavitt street	Lake street	Washington street
Laflin street	Van Buren street	Madison street
Maple street	Dearborn street	State street
Ray avenue	Prairie avenue	Calumet avenue
Rhodes avenue	Thirty-second street	University place
Thirty-second street	South Park avenue	Rhodes avenue
Throop street	Madison street	Harrison street
Twenty-ninth street	State street	Cottage Grove avenue.
Van Buren street	Irving place	Western avenue
Vernon avenue	Thirtieth street	Douglas avenue
Walnut street	Ashland avenue	Western avenue

Fire cisterns were built during the year as follows:
At intersection of Market and Madison streets.
At intersection of Clark and Madison streets.
At intersection of Washington and Clark streets.

THE FOLLOWING TABULATED STATEMENTS SHOW IN DETAIL THE WORK DONE IN WATER PIPE EXTENSION DURING THE YEAR 1884.

NORTH DIVISION.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in ft.	Diameter of Pipe in inches.
Belden avenue	Halsted and Fremont streets	686	6
Blackhawk street	North Branch street, eastward	250	6
Cedar street	Rush street, eastward	661	6
Centre street	Bissell street, westward	126	6
Centre street	Halsted and Fremont streets	630	6
Centre street	Sheffield avenue, eastward	224	6
Chester street	South crossing on Fullerton avenue	36	6
Chester street	Fullerton avenue, southward	223	6
Cherry street	South crossing on Division street	35	4
Chestnut street	State street, westward	93	4
Clark street	Kinzie street, southward	271	8
Dayton street	South crossing on Belden avenue	24	6
Dearborn avenue	Michigan and Indiana streets	475	6
Division street	Cherry street, westward	60	4
Erie street	Across Dearborn avenue	96	6
Franklin street	Florimond street and Tell court	227	4
Fremont street	South crossing on Belden avenue	26	6
Fullerton avenue	Southport avenue to Ward street	310	8
Fullerton avenue	Southport avenue, westward	197	8
Fullerton avenue	Halsted street, westward	600	8
Fullerton avenue	Clybourn and Ashland avenues	290	8
Garfield avenue	Halsted and Hurlbut streets	2,016	12
Halsted street	North Branch street, northward	326	4
Halsted street	North Branch and Hooker streets	285	4
Halsted street	Across Hooker street	58	4
Illinois street	St. Clair and Pine streets	300	8
Indiana street	Across Dearborn avenue	96	8
Kemper place	Orchard street, eastward	340	4
Kinzie street	State and Rush streets	734	8
Kinzie street	West crossing on Clark street	14	6
La Salle avenue	Ohio street and Chicago avenue	1,496	6
La Salle avenue	Michigan and Ohio streets	793	6
Lewis street	Garfield avenue, southward	476	6
Lewis street	Clybourn avenue, east and northeast	96	6
Maple street	State street, westward	75	4
North Branch street	Crossing, 326 ft. west of Halsted street.	60	4
North Branch street	Halsted St., westw'd (nor. side of street).	326	4
North Branch street	Halsted St., westw'd (so. side of street)	421	4
North Branch street	Blackhawk street, southward	1,070	6
North Water street	On N. Pier, eastw'd from end of pipe	220	6
Oak street	Lake Shore drive and Rush street	863	8
Oak street	State street, eastward	117	8
Ohio street	Across Dearborn avenue	96	6
Osgood street	Webster and Garfield avenues	639	6
Osgood street	Garfield avenue, southward	290	6
	Amount carried forward	17,747	

NORTH DIVISION.—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in ft.	Diameter in Pipe of inches.
	Amount brought forward	17,747	
Racine avenue	Webster and Garfield avenues	633	8
Rush street	Across Illinois street	80	8
St. Clair street	South crossing on Superior street	53	8
St. Clair street	North crossing on Ontario street	50	6
Southport avenue	South crossing on Fullerton avenue	22	8
Stone street	North crossing on Scott street	44	6
Stone street	Scott and Goethe streets	258	4
Superior street	Across La Salle avenue	82	8
Superior street	Across Dearborn avenue	96	8
Weed street	Dayton street and Smith avenue	396	6
	Total feet in North Division	18,461	
	Add branch pipe for hydrants	798	6"
	Add branch pipe for hydrants	220	4"
	Total feet laid in North Division	19,479	

SOUTH DIVISION.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of pipe in ft.	Diameter of pipe in inches.
*Alley betw'n Calumet avenue and So. Park avenue.	Twenty-sixth street, southward	307	4
Alley east of Cottage Grove ave.	Douglas avenue, northward	168	4
Alley north of S. Water street	From Michigan av.,westw'd & southw'd	293	6
Ashland avenue	Thirty-seventh street and Egan ave.	1,330	6
Beers street	Across Thirty-eighth street	72	12
Beers street	Thirty-eighth street, southward	465	8
*Bloom street	Thirty-seventh and Thirty-eighth sts.	668	6
Bonfield street	Thirty-first street, northward	300	6
*Butler street	Thirty-second and Thirty-third streets	640	6
Butler street	Thirty-seventh and Thirty-eighth sts.	640	6
Calhoun place	Across Clark street	90	8
Charles place	Franklin street and Fifth avenue	370	8
Clark street	Randolph and Madison streets	927	8
Cottage Grove ave.	Douglas ave. and Thirty-seventh st.	1,328	12
Court place	Clark and Dearborn streets	414	8
Dashiel street	Thirty-eighth street and Egan avenue	586	6
Dearborn street	Twenty-second and Twenty-third sts.	707	6
Dearborn street	Twenty-sixth and Twenty-seventh sts.	420	6
Douglas avenue	West crossing on Cottage Grove ave.	30	12
Egan avenue	Forrest avenue and Grand boulevard	677	12
Emerald avenue	Thirtieth and Thirty-first streets	675	12
Fuller street	Deering and Short streets	637	6
Grand boulevard	North crossing on Egan avenue	18	6
Graves place	Thirty-second and Thirty-third streets.	516	4
Hanover street	North crossing on Twenty-ninth st.	21	12
Hanover street	Twenty-ninth and Thirtieth streets	689	12
*Hanover street	Thirty-second and Thirty-third sts.	660	6
James avenue	Ullman and Fox streets	664	6
Laurel street	Thirty-third court and Springer ave.	600	8
Laurel street	James avenue and Thirty-second street	283	8
Lowe avenue	Thirty-eighth street, southward	309	6
Marble place	Clark and Dearborn streets	379	6
Marble place	State and Dearborn streets	350	6
Pacific avenue	Jackson and Van Buren streets	470	8
Parnell avenue	Twenty-ninth street, southward	240	6
*Parnell avenue	Thirty-first street, northward	1,062	6
Parnell avenue	From N. line Thirty-third st., southw'd	354	6
Parnell avenue	From 288 feet south of south line of Thirty-third street, southward	672	6
Poplar avenue	Stearns street, southward	500	6
Portland avenue	Thirty-third street, northward	440	6
Portland avenue	North crossing on Thirty-third street	25	6
Prairie avenue	Thirty-seventh street, southward	200	6
	Amount carried forward	20,196	

*This pipe was laid at the expense of the property owners. As soon as it pays the required annual revenue, the money advanced to cover cost of laying will be refunded.

SOUTH DIVISION—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of pipe in ft.	Diameter of pipe in inches.
	Amount brought forward	20,196	
Prairie avenue	Thirty-seventh street, northward	630	6
Rhodes avenue	Thirty-first street, southward	250	6
Short street	Fuller street, northward	60	6
South Water street	At intersection of State street	65	6
Spring street	Across Dearborn street	72	6
Spring street	Wentworth avenue, eastward	444	6
Stewart avenue	Thirtieth street, northward	129	16
Thirtieth street	Wabash and Wentworth avenues	1,798	16
Thirtieth street	Wallace and Emerald avenues	982	12
Thirtieth street	Stewart avenue and Wallace street	1,350	16
Thirtieth street	Wentworth and Stewart avenues	1,337	16
Thirty-first street	Emerald avenue and Halsted street	368	12
Thirty-second street	Laurel street, eastward	356	6
Thirty-second court	Crossing on Cottage Grove avenue	50	4
Thirty-third street	Portland avenue, eastward	217	6
Thirty-fourth street	State street and Wabash avenue	312	6
Thirty-fourth street	Across Vernon avenue	60	6
Thirty-fourth court	Ullman street, eastward	922	4
Thirty-sixth street	Halsted and Tucker streets	520	6
Thirty-sixth street	Across Dearborn street	70	6
Thirty-seventh street	State street and Wabash avenue	328	6
Thirty-seventh street	Wabash avenue and Grand boulevard	2,214	12
Thirty-seventh street	East crossing on Vincennes avenue	58	8
Thirty-seventh street	Vincennes and Ellis avenues	1,157	8
Thirty-seventh court	Butler street and Stewart avenue	564	4
Thirty-eighth street	Beers and Honore streets	325	6
Twenty-fourth street	Across Dearborn street	72	6
Twenty-ninth street	Hanover street, eastward	108	12
Ullman street	Thirty-eighth street, northward	884	6
Wabash avenue	Douglas avenue and Thirty-seventh st.	1,234	16
Wabash avenue	North crossing on Thirty-seventh st.	22	16
Wall street	Thirty-first street and Springer ave.	972	6
Wallace street	Twenty-ninth and Thirty-first streets	1,311	8
Wallace street	Thirty-first street, southward	350	6
Wentworth ave.	North crossing on Thirtieth street	87	16
Total feet for South Division		39,874	
Add branch pipes for hydrants		1,353	6″
Add branch pipes for hydrants		450	4″
Total feet laid in South Division		41,677	

WEST DIVISION.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
Ada street	South crossing on Erie street	50	6
Adams street	Washtenaw avenue, eastward	322	6
Adams street	Sacramento avenue, eastward	668	6
Albany avenue	Colorado avenue and Madison street	648	6
Alley, bet. Laughton and Parmelee streets	Washtenaw avenue, eastward	33	4
Alley, w. of Elston avenue	Augusta street, northward	137	4
Alley, bet. Wade & Augusta streets	From 135 feet west of Elston avenue, westward	273	4
Alley, nor. of Jackson street and w. of Throop street	Throop street, westward	350	4
Alley, west of Halsted street	Twenty-first and Twenty-second Sts.	480	4
Alley, east of Johnson street & alley north of Twenty-second street	From Twenty-first street, southward 341 feet, thence eastward 144 feet	485	4
Ambrose street	California avenue, westward	860	4
Armitage avenue	Dudley and Robey streets	360	6
Armitage avenue	Commercial street and C. & N.W. R. R.	577	4
Armitage avenue	East crossing on Commercial street	73	6
Armitage avenue	Leavitt and Oakley streets	701	6
Armour street	Across Erie street	90	6
Ashland avenue	Twenty-first and Twenty-second Sts.	670	8
Ashland avenue	Nineteenth and Twentieth streets	331	8
Ashland avenue	Seventeenth and Eighteenth streets	318	8
Ashland avenue	Sixteenth and Rebecca streets	318	8
Ashland avenue	North crossing on North avenue	32	6
Ashland avenue	Clybourn place and Wabansia avenue	1,366	6
Augusta street	Across Lincoln street	96	6
Avon place	Alley, east of Leavitt street, eastward	95	4
Bickerdike street	Across Erie street	90	6
Birch street	Robey and Myrtle streets	300	4
Brown street	North crossing on Twenty-second St.	36	6
California avenue	Ambrose and Parmelee streets	666	8
California avenue	South crossing on Twenty-sixth street	30	8
California avenue	Ogden avenue, northward	434	6
California avenue	North crossing Chicago avenue	30	6
Campbell avenue	Harrison and Lexington streets	660	6
Campbell avenue	Polk and Lexington streets	325	6
Carroll avenue	West crossing on Carpenter street	50	4
Centre avenue	Rebecca and Fifteenth streets	576	4
Centre avenue	Henry and Fifteenth streets	627	4
Centre avenue	Sixteenth and Eighteenth streets	1,276	4
Chase court	Coulter street, southward	340	4
	Amount carried forward	14,773	

WEST DIVISION.—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
	Amount brought forward	14,773	
Chicago avenue	Fairfield and California avenues	304	6
Chicago avenue	Lessing and Green streets	540	6
Chicago avenue	Green street, eastward	200	4
Chicago avenue	Green street, westward	497	8
Chicago avenue	Halsted street, eastward	700	6
Chicago avenue	River bridge, westward	560	6
Cicero court	Jackson and Van Buren streets	488	4
Cleaver street	Blackhawk and Bradley streets	690	6
Clinton street	South crossing on Judd street	36	6
Clinton street	Across Wilson street	70	6
Clybourn place	Coventry street, westward	125	4
Colorado avenue	Albany avenue, eastward	270	8
Colorado avenue	Albany avenue, westward	120	8
Congress street	Halsted and Green streets	230	6
Coulter street	Oakley avenue and Chase court	400	6
Coulter street	Leavitt street, eastward	275	6
Curtis street	North crossing on Erie street	40	4
Cynthia court	Ogden avenue and Twenty-second St.	1,094	6
Cypress street	Kendall and Taylor streets	412	6
Damen street	West crossing on Sholto street	28	4
Damen street	East crossing on May street	45	4
*Davis street	From 446 ft. nor. of North ave. northw'd.	175	6
Davis street	North avenue, southward	482	6
Dix street	Chicago avenue, northward	275	4
Eighteenth street	Center avenue and Throop street	636	6
Eighteenth street	Wood and Lincoln streets	636	6
Eleventh street	East crossing on May street	44	6
Elizabeth street	South crossing on Erie street	50	6
Elk Grove avenue	Bloomingdale road, northward	380	6
Elston avenue	Milwaukee avenue and Augusta St.	1,100	6
Erie street	West crossing on Carpenter street	40	8
Erie street	Milwaukee avenue and Halsted street	956	6
Erie street	Leavitt street, westward	360	6
Ewing place	Hoyne avenue, eastward	170	6
Ewing place	Hoyne avenue and Leavitt street	630	6
Ewing street	Halsted and Jefferson streets	1,265	8
Ewing street	Jefferson and Canal streets	744	8
Fairfield avenue	Twelfth street, northward	860	6
Fairfield avenue	Twelfth street, southward	1,172	6
Fairfield avenue	Lake street, northward	350	6
Fairfield avenue	Fulton street, southward	468	6
Fay street	North crossing on Erie street	50	6
Fifteenth street	Center avenue, eastward	660	4
Fifteenth street	Center avenue, westward	660	4
Fisk street	South crossing on Twenty-second St.	48	6
	Amount carried forward	34,103	

*This pipe was laid at the expense of the property owners. As soon as it pays the required annual revenue, the money advanced to cover cost of laying will be refunded.

WEST DIVISION.—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
	Amount brought forward	34,103	
Fleetwood street	Across North avenue	118	6
Fleetwood street	Blanche street, northward	208	6
Forquer street	Jefferson and Halsted streets	1,289	6
Frankfort street	Oakley avenue, westward	300	6
Frankfort street	Western avenue, eastward	356	6
Front street	Sangamon and Lessing streets	280	4
Good street	West crossing on Sholto street	27	4
Good street	East crossing on May street	45	4
Grand avenue	Artesian avenue, southeastward	145	6
Green street	Chicago avenue, southward	282	8
Green street	Chicago avenue, southward	282	4
Green street	Pratt and Ohio streets	1,051	8
Green street	Fulton and Lake streets	381	6
Grenshaw street	Western avenue and Idaho street	318	6
Grenshaw street	West crossing on Oakley avenue	28	6
Gross terrace	Madison street, southward	537	6
Gurley street	West crossing May street	33	6
Halsted street	Phillips street and Chicago avenue	900	6
Harrison street	Cicero court, westward	115	8
Harrison street	Robey and Rockwell streets	4,074	24
*Harrison street	Rockwell street, westward	885	8
†Henry street	Paulina and Wood streets	628	6
Hermitage avenue	Twelfth street, northward	427	6
Hermitage avenue	Polk street, southward	500	6
Hinman street	West crossing on Ashland avenue	30	4
Hinman street	West crossing on Throop street	33	6
Hirsch street	Leavitt street, westward	200	6
Hirsch street	Shober street, eastward	108	6
Hirsch street	Tallman avenue and Rockwell street	324	6
Homer street	Robey street and Hoyne avenue	670	6
Hoyne avenue	South crossing on Harrison street	46	6
Hoyne avenue	South crossing on Homer street	37	6
Hoyne avenue	Homer street, southward	118	6
Hoyne avenue	Evergreen avenue, southward	304	6
Idaho street	Taylor street, northward	310	6
Idaho street	Grenshaw street, northward	320	4
Idaho street	South crossing on Van Buren street	50	6
Indiana street	Western avenue, westward	147	6
Irving place	From 182 ft. nor. of Polk St., northw'd.	54	4
Jane street	Ashland avenue and Rumsey street	300	6
Laflin street	Across Fourteenth street	70	6
Laflin street	Sixteenth and Eighteenth streets	663	6
	Amount carried forward	51,096	

*325 feet of this pipe was laid at the expense of the property owners. As soon as it will pay the required annual revenue, the money advanced to cover the cost of laying will be refunded.

†Laid at the expense of the property owners, the cost to be refunded when it pays the required annual revenue.

WEST DIVISION.—Continued.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
	Amount brought forward	51,096	
Laflin street	Van Buren and Congress streets	356	6
Laflin street	Harrison and Congress streets	328	6
Laflin street	South crossing on Twenty-second St.	46	6
Lake street	Kedzie and Albany avenues	645	6
Laughton street	Oakley avenue, westward	300	6
Laughton street	East crossing on Oakley avenue	40	6
Leavitt street	Blue Island avenue and Coulter street	278	8
Leavitt street	Chicago avenue and Rice street	292	6
Leavitt street	Superior street, southward	183	6
Leavitt street	South crossing on Coulter street	46	8
Lincoln street	Polk street, northward	430	6
Loomis street	South crossing on Twenty-second St.	48	6
Lubeck street	Oakley avenue, westward	323	6
Madison street	Albany avenue, westward	110	8
Madison street	Albany avenue and Gross terrace	253	8
Marion street	West crossing on Oakley avenue	25	4
Mathew street	West crossing on Ogden avenue	46	4
May street	North crossing on Erie street	40	6
May street	Huron and Erie streets	360	6
May street	Harrison and Twelfth streets	2,610	8
Monroe street	California avenue, eastward	300	6
Monroe street	Sacramento avenue, eastward	284	6
Moore street	Across Robey street	79	6
Moore street	California and Washtenaw avenues	670	8
Moore street	California avenue, westward	725	4
Myrtle street	Birch street, southward	210	4
Nebraska street	Laflin street, westward	260	4
Newberry avenue	Sixteenth and Eighteenth streets	600	6
Newberry avenue	Wright street, southward	613	4
Newberry avenue	Twelfth and Maxwell streets	850	6
Nineteenth street	East crossing on Throop street	45	8
North avenue	Fleetwood street, eastward	266	4
Oakley avenue	Blue Island avenue and Coulter street	325	6
Oakley avenue	Coulter and Laughton streets	664	6
Oakley avenue	Across Van Buren street	68	6
Oakley avenue	Taylor street, southward	750	6
Ogden avenue	Madison street and Warren avenue	375	6
Ogden avenue	Madison street, southward	117	6
Ogden avenue	Adams and Monroe streets	500	6
Ogden avenue	Monroe street and Ogden place	250	6
Parmelee street	California avenue, westward	860	4
Peoria street	Indiana street and Milwaukee avenue	500	8
Peoria street	Indiana and Kinzie streets	762	8
Phillips street	West crossing on Green street	40	6
Phillips street	East crossing on Green street	42	6
Polk street	Loomis and Laflin streets	631	8
Polk street	Nixon street and Ashland avenue	256	8
	Amount carried forward	68,897	

WEST DIVISION.—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
	Amount brought forward	68,897	
Pratt street	East crossing on nor. side of Green St.	41	6
Pratt street	East crossing on south side of Green St.	42	6
Pratt street	West crossing on Green street	66	6
Rebecca street	Ashland avenue, eastward	492	6
Rice street	Leavitt street, eastward	360	6
Ridgeley street	West crossing on Green street	16	6
Robey street	Erie and Ohio streets	292	6
Robey street	South crossing on Armitage avenue	41	8
Rosebud street	Bloomingdale road, northward	374	6
Seventeenth street	North side Centre avenue, eastward	315	4
Seventeenth street	South side Centre avenue, eastward	315	4
Seventeenth street	Crossing 312 ft. east of Centre avenue	60	4
Seventeenth street	East crossing on Wood street	40	6
Seymour street	Gross parkway and Thomas street	321	6
Sheldon street	Randolph street, northward	100	6
Shober street	Hirsch street, northward	525	6
*Shober street	North avenue, northward	193	6
Sholto street	Polk and Taylor streets	868	6
Sibley street	South crossing on Macalister place	41	6
Sibley street	Macalister and Vernon Park places	305	6
Sibley street	Taylor and Arthington streets	368	6
Sixteenth street	Paulina and Wood streets	625	6
Sixteenth street	East crossing on Wood street	40	6
Talman avenue	Ogden avenue, northward	430	6
Taylor street	Across Robey street	69	8
Thomas street	Seymour and Rockwell streets	670	4
Throop street	South crossing on Twenty-second St.	36	6
Twelfth street	Fairfield and California avenues	283	8
Twelfth street	West crossing on Fairfield avenue	20	8
Twenty-second street	Robey street and Hoyne avenue	793	8
Twenty-second street	Morgan and Brown streets	495	6
Twenty-sixth street	California avenue, westward	426	6
Twenty-sixth street	From 400 feet west of west line of California avenue, westward	600	4
Twenty-sixth street	West crossing on Washtenaw avenue	28	8
Twenty-sixth street	Washtenaw and California avenues	659	6
Upton street	Rosebud street, westward	131	6
Van Buren street	Western avenue, eastward	397	8
Van Buren street	Idaho street and Irving place	610	8
Van Buren street	Washtenaw avenue, westward	484	6
Van Buren street	Hoyne and Seeley avenues	298	8
Vernon Park place	Sibley street, westward	110	6
Washtenaw avenue	Ogden avenue, northward	1,215	8
Washtenaw avenue	Van Buren street, northward	130	
	Amount carried forward	82,621	

*This pipe was laid at the expense of the property owners. The money advanced to pay the cost of laying will be refunded, when the annual revenue reaches the required amount.

WEST DIVISION.—CONTINUED.

ON WHAT STREET.	BETWEEN WHAT STREETS.	Length of Pipe in feet.	Diameter of Pipe in inches.
	Amount brought forward	82,621	
Washtenaw avenue	Moore and Parmelee streets	520	8
Wabansia avenue	Elk Grove and Girard streets	402	6
Western avenue	Wilcox avenue and Harrison street	2,040	12
Whipple street	Jackson street, northward	545	6
Whipple street	Jackson and Van Buren streets	500	6
*Wilcox avenue	600 ft. west of California ave., westw'd	262	6
Winchester avenue	Harrison and Congress streets	360	8
Winthrop street	South crossing on Polk street	33	6
Wood street	Sixteenth and Seventeenth streets	328	8
Wood street	Taylor and Selden streets	280	8
Wood street	Clybourn place & Bloomingdale road	710	8
Wright street	East crossing on Morgan street	48	8
Wright street	West crossing on Newberry avenue	28	8
Yeaton street	East crossing on Robey street	46	6
	Total feet for West Division	88,723	
	Add branch pipes for hydrants	1,775	4''
	Add branch pipes for hydrants	4,555	6''
	Add branch pipes for hydrants	8	8''
	Add also 251 feet of 36 inch discharge pipe laid at the West Pumping Works	251	36''
	Total feet laid in West Division	95,312	

*Of this pipe 105 feet was laid at the expense of the property owners. The money advanced to pay the cost of laying will be refunded when the annual revenue reaches the required amount.

RECAPITULATION OF PIPE LAID DURING 1884, INCLUDING HYDRANT BRANCHES.

DIVISION.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Total Laid in Feet.
North	2784	4	9935	6	4744	8	2016	12	-----	----	-----	----	-----	---	19479
South	2977	4	19434	6	6145	8	7164	12	5957	16	-----	----	-----	---	41677
West	16773	4	52375	6	19799	8	2040	12	-----	----	4074	24	251	36	95312
Total feet	22534	4	81744	6	30688	8	11220	12	5957	16	4074	24	251	36	156468
Total miles.	$4\frac{1414}{5280}$	4	$15\frac{2544}{5280}$	6	$5\frac{5328}{5280}$	8	$2\frac{2460}{5280}$	12	$1\frac{677}{5280}$	16	$\frac{1054}{5280}$	24	$\frac{251}{5280}$	36	$29\frac{3344}{5280}$

RECAPITULATION OF HYDRANT BRANCHES LAID DURING 1884.

DIVISION.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Total Laid in Feet.
North	220	4	798	6	------	------	1,018
South	450	4	1,353	6	------	------	1,803
West	1,775	4	4,555	6	8	8	6,338
Total feet	2,445	4	6,706	6	8	8	9,159

PIPE TAKEN UP OR ABANDONED DURING 1884.

The following table shows in detail the location and size of pipe taken up or abandoned during the year, and of that substituted therefor:

STREET.	LENGTH OF PIPE.	ABANDONED.		TAKEN UP.		SUBSTITUTED.	
		Length in feet.	Diameter in inches.	Length in feet.	Diameter in inches.	Length in feet.	Diameter in inches.
Cedar street	Rush street, east			661	4	661	6
Centre avenue	Sixteenth and Eighteenth streets			620	6	1,276	4
Charles place	Franklin street and Fifth avenue			370	4	370	8
						200	4
Chicago avenue	Lessing street, eastward			745	6	540	6
						497	8
Chicago avenue	Halsted street, eastward	594	6			1,260	6
Dearborn avenue	Michigan and Indiana streets			475	4	475	6
Dearborn avenue	South crossing on Indiana street			63	4		
Dix street	North crossing on Chicago avenue			50	4	50	6
Elston avenue	Milwaukee avenue and Augusta street			1,100	4	1,100	6
Erie street	Across Dearborn avenue			96	4		
Erie street	Milwaukee avenue and Halsted street			956	4	956	6
Ewing street	Halsted and Jefferson streets			1,265	4	1,265	8
Ewing street	Canal and Jefferson streets			744	4	744	8
Fay street	North crossing on Erie street			50	4	50	6
Forquer street	Jefferson and Halsted streets			1,289	4	1,289	6
Green street	Ridgeley street and Chicago avenue	324	8			282	8
						282	4
Green street	North crossing on Chicago avenue			50	6		
Green street	Pratt street, southward			698	6	698	8
Green street	Ohio street, northward			353	4	353	8
Green street	Fulton and Lake streets			381	4	381	6
Halsted street	Hooker street, southward	550	6			611	4
Halsted street	Phillips street and Chicago avenue			830	6	830	6
Halsted street	Front street, north			72	6		
Illinois street	St. Clair and Pine streets			300	4	300	8

Indiana street	Across Dearborn avenue			96	4	96	8
Kinzie street	Cass and Rush Streets			384	3	384	8
Kinzie street	State and Cass streets			350	4	350	8
La Salle avenue	South crossing on Chicago avenue	39	4				
La Salle avenue	Across Superior street	75	4				
La Salle avenue	Across Erie street	75	4				
La Salle avenue	Across Ohio street	75	4				
La Salle avenue	Erie and Superior streets			510	4	510	6
La Salle avenue	Superior street and Chicago avenue			280	4	280	6
La Salle avenue	Ohio and Erie streets			515	4	515	6
La Salle avenue	Michigan and Ohio streets			793	4	793	6
May street	Harrison and Twelfth streets			2,610	4	2,610	8
North Branch street	Halsted street, westward			326	6	741	4
North Water street	Rush and Pine streets	350	3				
Oak street	Lake Shore drive and Rush street			863	4	863	8
Oak street	State street, eastward			117	4	117	8
Ohio street	Across Dearborn avenue			96	4	96	6
Peoria street	Kinzie street and Milwaukee avenue			1,262	4	1,262	8
St. Clair street	North crossing on Ontario street			50	4	50	6
Seventeenth street	Centre avenue, eastward	337	4			690	4
Sholto street	Polk and Taylor streets			868	4	868	6
Superior street	Across Dearborn avenue			96	4	96	8
Thirty-first street	Emerald avenue and Halsted street			325	8	325	12
Thirty-first street	Halsted street, westward			43	6	43	12
Thirty-seventh street	East crossing on Wabash avenue			72	6	72	12
Thirty-seventh street	Forrest avenue, eastward			507	6	507	12
Thirty-seventh street	East crossing on Vincennes avenue			58	6	58	8
Thirty-seventh street	Ellis Park and Vincennes avenue			207	6	207	8
Thirty-seventh street	Ellis avenue and Ellis Park			600	6	600	8
*Thirty-seventh street	In Ellis Park	350	6			350	8
Twenty-second street	Morgan street, eastward	95	4			95	6
Twenty-second street	Brown street, westward			400	4	400	6
Van Buren street	Hoyne and Seeley avenues			298	6	298	8
	Total feet	2,864		22,894		27,746	

*The pipe abandoned runs through the park, that substituted runs around the park, on Thirty-seventh street.

RECAPITULATION OF PIPE TAKEN UP OR ABANDONED DURING 1884.

DIVISION.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Length of Pipe in Feet.	Diameter of Pipe in Inches.	Total in Feet.
North	734	3	5,625	4	326	6	------	----	6,685
South	------	----	370	4	1,837	6	325	8	2,532
West	------	----	11,710	4	4,507	6	324	8	16,541
Total	734	3	17,705	4	6,670	6	649	8	25,758

TABLE SHOWING THE AMOUNT OF PIPE IN USE IN THE CITY AT THE CLOSE OF 1884.

DIAMETER OF PIPE.	1883.	1884.			
	Amount in Feet in use.	Amount in Feet Laid.	Amount of Feet Taken up or Aband.	Grand Total in Feet.	Grand Total in Miles.
36 inch	40,923	251	.....	41,174	7 $\frac{4214}{5280}$
30 inch	39	.....	.....	39	0 $\frac{39}{5280}$
28 inch	160	.....	.....	160	0 $\frac{160}{5280}$
24 inch	*76,156	4,074	.....	80,230	15 $\frac{1030}{5280}$
16 inch	62,186	5,957	.....	68,143	12 $\frac{4783}{5280}$
12 inch	147,444	11,220	.....	158,664	30 $\frac{264}{5280}$
10 inch	8,012	.....	.....	8,012	1 $\frac{2732}{5280}$
8 inch	540,110	30,688	649	570,149	107 $\frac{5189}{5280}$
6 inch	1,101,295	81,744	6,670	1,176,369	222 $\frac{4209}{5280}$
4 inch	745,556	22,534	17,705	750,385	142 $\frac{625}{5280}$
3 inch	16,371	.....	734	15,637	2 $\frac{5077}{5280}$
Totals	2,738,252	156,468	25,758	2,868,962	543 $\frac{1922}{5280}$

* This amount includes 258 feet of wrought iron syphon pipe at Twelfth street.

The following tables show the number, size and location of stop valves put in during 1884, the number and size of those previously put in, and the whole number and size of stop valves in use by the city at the end of 1884:

NORTH DIVISION.

LINE OF PIPE.	LOCATION.	SIZE OF VALVES.						
		4''	6''	8''	12''	16''	24''	36''
Belden ave.	West line of Halsted st.	----	1	----	----	----	----	----
*Cedar st.	East line of Rush st.	----	1	----	----	----	----	----
Centre st.	West line of Bissell st.	----	1	----	----	----	----	----
Centre st.	West line of Halsted st.	----	1	----	----	----	----	----
Centre st.	East line of Fremont st.	----	1	----	----	----	----	----
Centre st.	East line of Sheffield av.	----	1	----	----	----	----	----
Chester st.	South line of Fullerton av.	----	1	----	----	----	----	----
Chestnut st.	West line of State st.	1	----	----	----	----	----	----
Clark st.	South line of Kinzie st.	----	----	1	----	----	----	----
*D'rborn av	South line of Illinois st.	----	1	----	----	----	----	----
Ful'rton av.	West line of Southport av.	----	----	1	----	----	----	----
Garfield av.	East line of Halsted st.	----	----	----	1	----	----	----
Garfield av.	West line of Larrabee st.	----	----	----	1	----	----	----
Garfield av.	East line of Larrabee st.	----	1	----	----	----	----	----
Garfield av.	West line of Hurlbut st.	----	----	----	1	----	----	----
*Kinzie st.	East line of State st.	----	----	1	----	----	----	----
Larrabee st.	South line of Garfield av.	----	1	----	----	----	----	----
*LaSalle av	South line of Chicago av.	----	1	----	----	----	----	----
*LaSalle av	North line of Ontario st.	----	1	----	----	----	----	----
*LaSalle av	South line of Illinois st.	----	1	----	----	----	----	----
Lewis st.	North line of Garfield av.	----	1	----	----	----	----	----
Maple st.	West line of State st.	1	----	----	----	----	----	----
North Branch st	So. line of Blackhawk st.	----	1	----	----	----	----	----
*Oak st.	East line of Rush st.	----	----	1	----	----	----	----
Osgood st.	North line of Garfield av.	----	1	----	----	----	----	----
Osgood st.	South line of Webster av.	----	1	----	----	----	----	----
Racine av.	North line of Garfield av.	----	----	1	----	----	----	----
Racine av.	South line of Webster av.	----	----	1	----	----	----	----
*Rush st.	South line of Illinois st.	----	----	1	----	----	----	----
*St. Clair st.	North line of Ontario st.	----	1	----	----	----	----	----
Southport av.	South line of Fullerton av.	----	----	1	----	----	----	----
Walton pl.	West line of State st.	----	1	----	----	----	----	----
Total in North Division		2	19	8	3	----	----	----
Previously put in		183	298	234	25	9	8	1
Total		185	317	242	28	9	8	1
Less by 4-in. valves taken out and replaced by others of different sizes		9	----	----	----	----	----	----
Grand total in North Division		176	317	242	28	9	8	1

* In place of 4-inch valve.

SOUTH DIVISION.

LINE OF PIPE.	LOCATION.	SIZE OF VALVES.						
		4''	6''	8''	12''	16''	24''	36''
Alley bet. River and Lake sts.	West line of Michigan ave.		1					
Ashland av.	N. line of Thirty-seventh st.		1					
Bloom st.	N. line of Thirty-seventh st.		1					
Calhoun pl.	East line of Clark street			1				
Clark street	N. line of Washington street			1				
Clark street	Intersct'n of Madison st (for fire cistern)		1					
Couch place	West line of State street		1					
Couch place	East line of Dearborn street		1					
Court place	East line of Clark street			1				
Cottage Grove av	N. line of Thirty-seventh st				1			
Cottage Grove av	South line of Douglas ave.				1			
Dearborn st	S. line of Twenty-second st.		1					
Dearborn st	S. line of Twenty-sixth st.		1					
Egan ave.	W. line of S. Park boulevard				1			
Emerald av.	N. line of Thirty-first street				1			
Fuller st.	W. line of Deering street		1					
Hanover st.	Intersct'n of Twenty-ninth st(feeder cocks)		2					
Hanover st.	North line of Thirtieth st.				1			
Laurel st.	S. line of Thirty-third street			1				
Madison st.	Intersection of Market st. (for fire cistern)		1					
Marble pl.	East line of Clark street		1					
Marble pl.	West line of Dearborn street		1					
Parnell ave.	S. line of Thirty-third street		1					
Parnell ave.	S. line of Twenty-ninth st.		1					
Prairie ave.	Interst'n of Thirty-seventh st(feeder cocks)		2					
Rhodes ave.	S. line of Thirty-first street		1					
Thirtieth st.	W. line of Wallace street					1		
Thirtieth st.	Intersection of Wallace st. (feeder cocks)			2				
Thirtieth st.	Intersect'n of Wentworth ave. (feeder cock)		1					
Thirtieth st.	East line of Wentworth ave.					1		
Thirtieth st.	West line of Wabash ave.					1		
Thirtieth st.	Intersection of Butterfield st. (feeder cocks)			2				
*Thirty-first st.	West line of Halsted street				1			
Thirty-first st.	Intersection of Halsted st. (feeder cock)			1				
Thirty-first st.	Intersection of Emerald st. (feeder cock)			1				
Thirty-fourth st.	West line of Laurel street	1						
Thirty-sixth st.	West line of Halsted street		1					
Thirty-seventh st	W. line of S. Park boulevard				1			
Thirty-seventh st	E. line of Cottage Grove ave			1				
Thirty-seventh st	20 ft. W. of E. line of Cottage Grove ave.			1				
Ullman st.	N. line of Thirty-seventh st.		1					
Wabash av.	Intersection of Eda st. (feeder cock)		1					
Wabash av.	N. line of Thirty-seventh st.					1		
Wall street	S. line of Thirty-first street		1					
Wallace st.	S. line of Thirty-first street		1					
Wallace st.	S. line of Twenty-ninth st.			1				
Washington st.	Intersection of Clark st. (for fire cistern)		1					
	Total in South Division	1	26	13	7	4		
	Previously put in	142	402	518	55	12	11	4
	Totals	143	428	531	62	16	11	4
	Less by 6-in. valve replaced by 12-in. v'lve		1					
		143	427	531	62	16	11	4

* In place of 6-inch.

WEST DIVISION.

LINE OF PIPE.	LOCATION.	SIZE OF VALVES.						
		4''	6''	8''	12''	16''	24''	36''
Albany av.	South line of Madison st.	----	1	----	----	----	----	----
Alley, between Augusta & Wade Sts., west of Elston av.	North line of Augusta st.	1	*	----	----	----	----	----
Ambrose st.	West line of California av.	1	----	----	----	----	----	----
Armitage road.	East line of Elston av.	----	1	----	----	----	----	----
Armitage road.	West line of Paulina st.	1	----	----	----	----	----	----
Armitage road.	West line of Leavitt st.	----	1	----	----	----	----	----
Armitage road.	West line of Oakley av.	----	1	----	----	----	----	----
Ashland av.	South line of Nineteenth st.	----	----	1	----	----	----	----
Ashland av.	South line of Clybourn pl.	----	1	----	----	----	----	----
Ashland av.	North line of Wabansia av.	----	1	----	----	----	----	----
Ashland av.	South line of Wabansia av.	----	1	----	----	----	----	----
Ashland av.	South line of North av.	----	1	----	----	----	----	----
Birch st.	West line of Robey st.	1	----	----	----	----	----	----
California av.	North line of Chicago av.	----	1	----	----	----	----	----
California av.	North line of Ogden av.	----	1	----	----	----	----	----
Cam'bell av	South line of Harrison st.	----	1	----	----	----	----	----
Centre av.	Intersection of Sixteenth st.	2	----	----	----	----	----	----
Chicago av.	Intersection of Lessing st.	----	2	1	----	----	----	----
Chicago av.	West end of river bridge	----	1	----	----	----	----	----
Chicago av.	In pipe yard at the bridge	----	1	----	----	----	----	----
Cleaver st.	South line of Blackhawk st.	----	1	----	----	----	----	----
Clybourn pl	W. of Coventry st. (blow off).	1	----	----	----	----	----	----
Congress st.	West line of Halsted st.	----	1	----	----	----	----	----
Davis st.	South line of North ave.	----	1	----	----	----	----	----
Eighteenth st.	West line of Wood st.	----	----	----	1	----	----	----
Eighteenth st.	West line of Centre ave.	----	1	----	----	----	----	----
Erie st.	West line of Green st.	----	1	----	----	----	----	----
*Erie st.	West line of Halsted st.	----	1	----	----	----	----	----
*Erie st.	West line of Carpenter st.	----	----	1	----	----	----	----
†Ewing st.	West line of Desplaines st.	----	----	1	----	----	----	----
*Ewing st.	West line of Clinton st.	----	----	1	----	----	----	----
Fairfield av.	South line of Twelfth st.	----	1	----	----	----	----	----
Fairfield av.	North line of Ogden av.	----	1	----	----	----	----	----
Fairfield av.	North line of Lake st.	----	1	----	----	----	----	----
Fairfield av.	South line of Fulton st.	----	1	----	----	----	----	----
*Fay st.	North line of Erie st.	----	1	----	----	----	----	----
Fifteenth st.	East line of Blue Island av.	1	----	----	----	----	----	----
Fle'twood st	North line of North av.	----	1	----	----	----	----	----
Fle'twood st	South line of North av.	----	1	----	----	----	----	----
*Forquer st.	West line of Desplaines st.	----	1	----	----	----	----	----
Frankfort st	East line of Western av.	----	1	----	----	----	----	----
Amount carried forward		8	30	5	1	----	----	----

* In place of 4-inch valve.

† In place of 6-inch valve.

WEST DIVISION.—CONTINUED.

LINE OF PIPE.	LOCATION.	SIZE OF VALVES.						
		4''	6''	8''	12''	16''	24''	36''
	Amount brought forward.	8	30	5	1			
Frankfort st	West line of Oakley av		1					
Front st	West line of Lessing st	1						
Green st	South line of Pratt st			1				
*Green st	North line of Erie st			1				
*Green st	North line of Ohio st			1				
Gross t'race	South line of Madison st		1					
Harrison st.	Intersection of Robey st. (feeder cock)			1				
Harrison st.	West line of Robey st						1	
Harrison st.	West line of Western av						1	
Harrison st.	Intersect'n of Leavitt st. (feeder cock)			2				
Harrison st.	West line of Rockwell st			1				
Hermitage av	South line of Polk st		1					
Hermitage av	North line of Twelfth st		1					
Hirsch st	West line of Leavitt st		1					
Homer st	West line of Robey st		1					
Hoyne av	South line of Evergreen av		1					
Hoyne av	South line of Harrison st		1					
Hubbard st.	West line of May st		1					
Idaho st	South line of Van Buren st.		1					
Indiana st	West line of Western av		1					
Laflin st	South line of Sixteenth st		1					
Laflin st	South line of Van Buren st.		1					
Laflin st	North line of Harrison st		1					
Leavitt st	South line of Fowler st			1				
Lubeck st.	West line of Oakley av		1					
*May st	South line of Polk st			1				
*May st	South line of Taylor st			1				
*May st	South line of Harrison st			1				
Moore st	West line of California av	1						
N'wbe'ry av	570 feet south of Wright st	1						
N'wbe'ry av	South line of Sixteenth st		1					
N'wbe'ry av	South line of Twelfth st		1					
Oakley av.	North line of Armitage road	1						
Oakley av.	South line of Van Buren st.		1					
Parmelee st	West line of California av	1						
*Peoria st	South line of Indiana st			1				
Phillips st.	West line of Green st		1					
Pratt st	West line of Green st		1					
Rosebud st.	N. line of Bloomingdale road		1					
*Shelto st.	South line of Polk st		1					
Tolman av.	North line of Ogden av		1					
22d st	West line of Robey st			1				
26th st	West line of Rockwell st			1				
26th st	West line of California av		1					
Union st	South line of Chicago av					1		
Amount carried forward		13	54	19	1	1	2	

*In place of 4-inch valve.

WEST DIVISION.—CONTINUED.

LINE OF PIPE.	LOCATION.	SIZE OF VALVES.						
		4''	6''	8''	12''	16''	24''	36''
	Amount brought forward.	13	54	19	1	1	2	
Wash'enaw av.	North line of Ogden av			1				
W. S. W'r W'rks.						1		
Western av.	South line of Adams st				1			
Western av.	South line of Van Buren st				1			
Western av.	Intrsn. Ad'ms st (feeder cock)		1					
Western av.	Int. V. Buren st (feeder cock)			1				
Western av.	North line of Harrison st				1			
Western av.	South line of Harrison st				1			
Wood st.	South line of Taylor st			1				
Wood st.	South line of Clybourn pl			1				
Wood st.	South line of Sixteenth st			1				
Total in West Division		13	55	24	5	2	2	
Previously put in		505	779	548	69	35	18	5
Totals		518	834	572	74	37	20	5
Less by valves taken out and replaced by others of different sizes		12	1					
Grand total in West Division		506	833	572	74	37	20	5

*In place of 4-inch valve.

RECAPITULATION.

STOP VALVES PUT IN DURING 1884.

DIVISION.	SIZE OF VALVES.							TOTAL.
	4 in.	6 in.	8 in.	12 in.	16 in.	24 in.	36 in.	
North	2	19	8	3				32
South	1	26	13	7	4			51
West	13	55	24	5	2	2		101
Total	16	100	45	15	6	2		184

Whole number put in during 1884 184
Whole number removed and replaced during '84. 23

Net increase in 1884 161

Number and size of valves in use in the city at the end of 1884.

Division.	Size of Valves.							Total.
	4 in.	6 in.	8 in.	12 in.	16 in.	24 in.	36 in.	
North	176	317	242	28	9	8	1	781
South.....	143	427	531	62	16	11	4	1,194
West	506	833	572	74	37	20	5	2,047
Total...	825	1577	1345	164	62	39	10	4,022

The following shows in detail the location, number and size of the hydrants added during the year, and the number previously put in:

NORTH DIVISION.

LOCATION.	STREET.	Size of Hydrant. 4-inch Double.	2½ inch Double.	2½-inch Single.
South side	Bellevue place, 300 feet east of Rush street	----	----	1
S. W. cor.	Blackhawk street and Cherry avenue	1	----	----
West side	Burling street, 250 feet north of N. avenue	----	----	1
West side	Burling street, 250 feet south of Willow street	----	----	1
West side	Burling street, 365 feet north of Willow street	----	----	1
West side	Burling street, 750 feet north of Willow street	----	----	1
South side	Cedar street, 300 feet east of Rush street	----	1	----
S. W. cor.	Chester street and Fullerton avenue	----	1	----
S. E. cor.	Chicago and La Salle avenues	----	1	----
*N. E. cor.	Dearborn avenue and Illinois street	----	1	----
S. W. cor.	Dearborn avenue and Kinzie street	----	1	----
West side	Dearborn ave., between Michigan and Kinzie sts	----	1	----
N. E. cor.	Franklin street and Tell court	----	----	1
South side.	Fullerton ave., 69 feet east of railroad track	----	1	----
South side	Fullerton avenue, at east line of Pumping Works	----	1	----
South side	Fullerton avenue, 300 feet West of Halsted street	----	1	----
S. W. cor.	Fullerton avenue and Fremont street	----	----	1
South side.	Fullerton ave., 275 feet west of Clybourn ave.	----	1	----
N. W. cor.	Garfield avenue and Larrabee street	----	1	----
North side	Grant place, between Larrabee and Hurlbut sts.	----	----	1
East side	Halsted street, near the canal bridge	----	1	----
†N. W. cor	Halsted and North Branch streets	----	----	1
*N. W. cor	Illinois and St. Clair streets	----	1	----
S. E. cor.	Illinois and Cass streets	----	1	----
N. E. cor.	Kemper place and Orchard street	----	----	1
North side	Kemper place, 300 feet east of Orchard street	----	----	1
*N. E. cor.	Kinzie and State streets	----	1	----
*N. E. cor.	Kinzie and Cass streets	----	1	----
S. W. cor.	La Salle avenue and Illinois street	----	1	----
S. W. cor.	La Salle avenue and Indiana street	----	1	----
N. W. cor.	La Salle avenue and Huron street	----	1	----
*N. W. cor.	La Salle avenue and Ontario street	----	1	----
West side.	Lewis st., at end of pipe north of Clybourn ave.	----	1	----
N. W. cor.	Maple and State streets	----	----	1
S. E. cor.	North Branch and Blackhawk streets	----	1	----
East side.	North Branch st, 410 feet south of Blackhawk st	----	1	----
S. E. cor.	North Branch and Eastman streets	----	1	----
*East side.	North Branch st., 456 feet West of Halsted st.	----	1	----
End of pipe on	North Pier (North Water street)	----	1	----
*N. W. cor	Oak street and Lake Shore drive	----	1	----
*N. E. cor	Oak and Rush streets	----	1	----
S. W. cor	Oak and State streets	----	1	----
*N. side	Oak st., betw'n Rush street and Lake Shore drive	----	1	----
East side	Orchard street, 320 feet north of North avenue	----	1	----
East side	Orchard street, 250 feet south of Willow street	----	1	----
N. W. cor.	Osgood street and Garfield avenue	----	1	----
	Amount carried forward	1	33	12

* In place of 2-½inch single.

† In place of 4-inch double.

NORTH DIVISION—CONTINUED.

LOCATION.	STREET.	Size of Hydrant. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	1	33	12
S. W. cor.	Osgood street and Webster avenue	----	1	----
East side	Osgood st, between Webster and Garfield aves.	----	1	----
*S. W. cor	Perry street and Fullerton avenue	----	1	----
West side	Racine ave., between Garfield and Webster aves	----	1	----
*N. W. cor	St. Clair and Ontario streets	----	1	----
N. W cor	Scott street and Lake Shore drive	----	----	1
West side	Southport ave., between Belden and Webster aves	----	1	----
East side	Southport ave., betw'n Belden and Fullerton aves	----	1	----
West side	State street, at public school south of Elm street	----	1	----
S. W. cor.	Stone st. and alley between Goethe and Scott sts	----	----	1
East side	Vine street, 300 feet south of Willow street	----	----	1
N. E. cor.	Weed street and Smith avenue	----	1	----
N. W. cor	Wells street and Tell court	----	1	----
	Total in North Division	1	43	15
	Previously put in	121	218	436
	Totals	122	261	451
	Less by hydrants taken out and replaced by others of different sizes	1		11
	Grand total in use in North Division	121	261	440

*In place of 2½ inch single.

SOUTH DIVISION.

LOCATION.	STREET.	Size of Hydrants		
		4-inch Double.	2½-inch Double.	2¼-inch Single.
N. E. cor.	Alexander street and Stewart avenue	----	----	1
N. W. cor.	Ashland avenue and Thirty-seventh court	----	1	----
N. W. cor.	Ashland avenue and Thirty-eighth street	----	1	----
N. W. cor.	Ashland and Egan avenues	----	1	----
N. W. cor.	Ashland avenue and Thirty-eighth court	----	1	----
S. W. cor.	Beers and Thirty-eighth streets	----	1	----
East side	Beers street, 300 feet south of Thirty-eighth st.	----	1	----
N. W. cor.	Bloom and Thirty-eighth streets	----	1	----
West side	Bloom street, 300 feet south of Thirty-seventh st.	----	1	----
N. W. cor.	Bonfield and Thirty-first streets	----	1	----
East side	Bonfield street, 274 feet north of Thirty-first st.	----	1	----
N. E. cor.	Bushnell street and Stewart avenue	---	----	1
N. W. cor.	Butler and Thirty-third streets	----	1	----
West side	Butler st., bet. Thirty-second and Thirty-third sts.	----	----	1
N. E. cor.	Butler street and Thirty-seventh court	----	1	----
N. W. cor.	Butler and Thirty-eighth streets	----	1	----
N. E. cor.	Butterfield and Twenty-second streets	----	----	1
East side	Calumet ave. bet. Thirty-third and Thirty-fourth	----	1	----
East side	Calumet ave. bet. Thirty-fourth st. & Douglas av.	----	1	----
*N. E. cor.	Charles place and Franklin street	----	1	----
East side	Cottage Grove ave., 400 ft. south of Douglas ave	----	1	----
East side	Cottage Grove ave., 230 ft. n. of Thirty-seventh	----	1	----
West side	Cottage Grove ave., 230 ft. s. of Thirty-first st.	----	1	----
N. E. cor.	Cottage Grove avenue and Graves place	----	1	--
N. W. cor.	Dashiel street and Egan avenue	----	1	----
East side	Dashiel st., 300 ft. south of Thirty-eighth street	----	----	1
West side	Dearborn st., 317 ft. north of Twenty-third st.	----	1	----
S. W. cor.	Dearborn and Spring streets	----	1	----
East side	Dearborn st. bet. Twenty-fifth and Twenty-sixth.	----	----	1
East side	Dearborn st. bet. Twenty-third & Twenty-fourth	----	1	----
East side	Dearborn st. bet. Twenty-fourth & Twenty-fifth	----	1	----
S. W. cor.	Douglas ave. and alley w. of Cottage Grove av.	----	1	----
N. W. cor.	Egan avenue and South Park boulevard	----	----	1
North side.	Fuller street between Deering and Short streets.	----	1	----
West side.	Hanover st. bet. Thirty-second & Thirty-third sts.	----	----	1
N. W. cor.	Hanover and Thirty-third streets	----	1	----
North side.	Jackson street bet. State street and Wabash ave.	----	1	----
South side.	James avenue, 315 feet west of Ullman street	----	1	----
S. W. cor.	Laurel and Thirty-second streets	----	1	----
S. W. cor.	Lowe avenue and Thirty-eighth street	----	1	----
West side.	Lowe ave., 268 ft. south of Thirty-eighth street.	----	----	1
North side.	Madison street bet. Dearborn and State streets	----	1	----
East side.	Pacific avenue, 200 feet south of Jackson street.	----	1	----
West side.	Parnell avenue, 300 feet south of Thirty-third st.	----	1	----
	Amount carried forward	----	35	9

*In place of 2¼ inch single.

SOUTH DIVISION.—CONTINUED.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	----	35	9
West side	Parnell ave., 200 ft. south of Twenty-ninth street	----	1	----
West side	Parnell ave., 564 ft. south of Thirty-third street	----	1	----
West side	Parnell ave., 904 ft. south of Thirty-third street	----	1	----
N. W. cor.	Parnell avenue and Thirty-first street	----	----	1
East side	Parnell avenue, 300 ft. south of Thirtieth street	----	1	----
N. W. cor.	Parnell avenue and Thirtieth street	----	1	----
West side	Poplar avenue, 355 ft. south of Stearns street	----	1	----
West side	Portland ave., 300 ft. north of Thirty-third st	----	----	1
N. W. cor.	Portland avenue and Thirty-third street	----	1	----
East side	Prairie ave., 300 feet south of Douglas avenue	----	1	----
West side	Prairie ave., 600 feet south of Douglas avenue	----	----	1
West side	Prairie ave. bet. Thirty-second & Thirty-third sts.	----	1	----
West side	Prairie avenue, 310 ft. north of Thirty-seventh st.	----	----	1
S. W. cor.	Rhodes avenue and Thirty-first street	----	1	----
S. E. cor.	River street and Michigan avenue	1	----	----
S. E. cor.	Thirtieth and La Salle streets	----	1	----
S. W. cor.	Thirtieth and Wallace streets	----	1	----
*N. W. cor	Thirty-first street and Emerald avenue	----	1	----
S. E. cor.	Thirty-second street and Rhodes avenue	----	1	----
S. W. cor.	Thirty-second street and Vernon avenue	----	1	----
North side.	Thirty-second street, 300 ft. east of Laurel street.	----	1	----
N. E. cor.	Thirty-fourth court and Ullman street	----	----	1
South side.	Thirty-fourth court, 410 ft. east of Ullman street.	----	----	1
North side.	Thirty-fourth court, 846 ft. east of Ullman street.	----	----	1
N. E. cor.	Thirty-sixth and Tucker streets	----	1	----
South side.	Thirty-seventh court, 260 ft. east of Butler street.	----	----	1
N. W. cor.	Thirty-seventh court and Stewart avenue	----	----	1
N. W. cor.	Thirty-seventh street and Prairie avenue	----	1	----
S. W. cor.	Thirty-seventh street and Ellis avenue	----	1	----
S. W. cor.	Thirty-eighth street and Langley avenue	----	1	----
North side	Twenty-second st. bet. Archer and Stewart aves.	----	1	----
N. E. cor.	Twenty-third street and Stewart avenue	----	----	1
North side	Twenty-ninth st., 205 ft. east of Groveland ave.	----	1	----
*N. W. cor	Twenty-ninth street and Calumet avenue	----	1	----
*N. W. cor	Twenty-ninth street and Cottage Grove avenue	----	1	----
S. E. cor.	Twenty-ninth street and Wabash avenue	----	1	----
N. E. cor.	Twenty-ninth street and Michigan avenue	----	1	----
N. E. cor.	Ullman and Thirty-eighth streets	----	1	----
East side	Ullman street, 435 ft. north of Thirty-eighth st.	----	1	----
West side	Vernon av. bet. Thirty-third & Thirty-fourth sts.	----	----	1
West side	Vernon ave. bet. Thirty-fourth and Douglas ave.	----	----	1
West side	Vernon ave. bet. Thirty-second & Thirty-third sts	----	----	1
West side	Vernon ave. bet. Thirty-first & Thirty-second sts	----	----	1
	Amount carried forward	1	63	23

* In place of 2½-inch single.

SOUTH DIVISION.—CONTINUED.

LOCATION.	STREETS.	Size of Hydrants. 4-inch Double.	2½ inch Double.	2½-inch Single.
	Amount brought forward	1	63	23
West side	Vernon ave., 125 ft. south of Douglas avenue	----	----	1
East side	Vernon ave., 300 ft. north of Thirty-seventh st.	----	----	1
*S. W. cor	Vernon avenue and Thirty-fourth street	----	1	----
*S. W. cor	Vernon avenue and Thirty-third street	----	1	----
S. W. cor.	Wall and Thirty-first streets	----	1	----
N. E. cor.	Wall street and James avenue	----	1	----
N. W. cor.	Wall and Thirty-second streets	----	1	----
N. E. cor.	Wall and Springer streets	----	1	----
S. E. cor.	Wallace and Twenty-ninth streets	----	1	----
West side	Wallace street, 350 feet south of Thirty-first st.	----	1	----
West side	Wallace street, 300 feet south of Thirtieth street.	----	1	----
West side	Wallace street, 300 feet south of Twenty-ninth st.	----	----	1
	Total in South Division	1	72	26
	Previously put in	187	473	607
	Total	188	545	633
	Less by single hydrants taken out and replaced by 2½ in. double nozzle	----	----	6
	Grand total in use in South Division	188	545	627

*In place of 2½-inch single.

WEST DIVISION.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
S. E. cor.	Aberdeen and Damen streets	----	----	1
S. W. cor.	Ada and Erie streets	----	1	----
West side	Ada st., between Randolph and Washington sts.	----	1	----
South side	Adams street, 300 feet east of Washtenaw ave.	----	1	----
N. E. cor.	Adams street and Sacramento avenue	----	1	----
South side	Adams street, 336 feet east of Sacramento ave.	----	----	1
S. E. cor.	Albany and Colorado avenues	----	1	----
S. W. cor.	Albany avenue and Madison street	----	1	----
West side	Albany avenue, 290 feet south of Madison street	----	1	----
North side	Alley bet. Augusta and Wade sts., W. of Elston av	----	----	1
N. W. cor.	Ambrose street and California avenue	----	----	1
North side	Ambrose street, 403 feet west of California ave.	----	----	1
North side	Ambrose street, 835 feet west of California ave.	----	----	1
South side	Armitage road, at railroad track	----	----	1
*N.W. cor.	Armour and Erie streets	----	1	----
N. W. cor.	Armour and Hubbard streets	----	1	----
West side	Artesian avenue, between Fulton and Lake sts.	----	----	1
West side	Ashland av., bet. Bloomingdale r'd & Clybourn pl	----	----	1
West side	Ashland av., bet. Bloomingdale r'd & Wabansia av	----	1	----
West side	Ashland av., between Wabansia and North aves	----	1	----
S. W. cor.	Ashland avenue and Fourteenth street	----	1	----
S. E. cor.	Ashland and North avenues	----	1	----
S. E. cor.	Augusta and Newton streets	----	1	----
S. W. cor.	Bickerdike and Erie streets	----	1	----
S. W. cor.	Blue Island avenue and Thirteenth street	----	1	----
N. W. cor.	Brown and Twenty-second streets	----	1	----
N. W. cor.	California and Chicago avenues	----	1	----
East side	California avenue, 300 feet north of Ogden ave.	----	1	----
N. E. cor.	Campbell and Lexington avenues	----	1	----
*S. W. cor.	Carpenter and Erie streets	----	1	----
*N.W. cor.	Carpenter and Erie streets	----	1	----
N. E. cor.	Carpenter street and Carroll avenue	----	1	----
N. W. cor.	Carpenter and Kinzie streets	----	1	----
†N. E. cor.	Center avenue and Seventeenth street	----	----	1
S. W. cor.	Center avenue and Fifteenth street	----	----	1
West side	Chase court, 300 feet south of Coulter street	----	----	1
*N.W. cor.	Chicago avenue and Green street	----	1	----
North side	Chicago ave., between Leavitt st. and Hoyne ave	----	1	----
South side	Chicago avenue, at the viaduct	----	1	----
North side	Chicago avenue, between Lincoln and Wood sts.	----	1	----
South side	Chicago avenue, at the west end of the bridge	----	1	----
S. E. cor.	Chicago avenue and Sangamon street	----	1	----
S. W. cor.	Chicago avenue and Carpenter street	----	1	----
East side	Cicero court, 250 feet south of Jackson street	----	----	1
*S. E. cor.	Clinton and Twelfth streets	----	1	----
	Amount carried forward		32	13

*In place of 2½-inch single.

†In place of 2½-inch double.

WEST DIVISION—CONTINUED.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	----	32	13
South side	Congress street, 300 feet west of Centre avenue	----	----	1
South side	Congress street, 300 feet west of Throop street	----	----	1
North side	Congress st., between Robey st. and Hoyne ave.	----	----	1
S. E. cor.	Coulter street and Chase court	----	1	----
N. W. cor.	Curtis and Erie streets	----	----	1
N. W. cor.	Cynthia court and Twenty-second street	----	1	----
S. W. cor.	Cynthia court and Ogden avenue	----	1	----
West side	Cynthia court, 535 feet south of Ogden avenue	----	----	1
S. E. cor.	Cypress and Taylor streets	----	1	----
S. E. cor.	Cypress and Kendall streets	----	1	----
West side	Davis street, 620 feet north of North avenue	----	----	1
West side	Davis street, 300 feet south of North avenue	----	1	----
N. E. cor.	Dekoven and Halsted streets	----	1	----
N. E. cor.	Desplaines and Dekoven streets	----	1	----
S. W. cor.	Desplaines and Bunker streets	----	1	----
*N. W. cor	Desplaines and Forquer streets	----	1	----
S. W. cor.	Dickson street and North avenue	----	1	----
N. W. cor.	Division street and Marion place	----	1	----
*S. W. cor.	Division and Samuel streets	----	1	----
S. W. cor.	Dix and Front streets	----	----	1
S. E. cor.	Eighteenth and Allport streets	----	1	----
South side	Eighteenth st., 275 feet east of Ashland avenue	----	1	----
North side	Eighteenth st., 300 feet east of Laflin street	----	1	----
South side	Eighteenth st., bet. Throop st. and Blue Island av	----	1	----
N. W. cor.	Eighteenth street and Centre avenue	----	1	----
N. W. cor.	Eighteenth and Loomis streets	----	1	----
N. W. cor.	Eighteenth and Nutt streets	----	1	----
N. E. cor.	Eighteenth and Lincoln streets	----	1	----
West side	Eighteenth street, 300 feet east of Lincoln street	----	1	----
S. W. cor.	Elizabeth and Erie streets	----	1	----
N. W. cor.	Elston avenue and Wade streets	----	1	----
S. W. cor.	Elston avenue and Front street	----	1	----
*N. E. cor.	Elston avenue and George street	----	1	----
*N. W. cor	Elston avenue and Augusta street	----	1	----
South side	Erie st., between Centre ave. and Elizabeth street	----	1	----
N. W. cor.	Erie and Fay streets	----	1	----
North side	Erie street, 210 feet east of Halsted street	----	1	----
South side	Erie street, 300 feet west of Leavitt street	----	1	----
South side	Evergreen ave., 300 ft. S. W. of Milwaukee ave.	----	1	----
N. E. cor.	Evergreen avenue and alley south of the park	----	1	----
North side	Evergreen av., between Hoyne av. and Leavitt st	----	----	1
North side	Evergreen av., between Hoyne av. and Robey st	----	----	1
North side	Ewing place, between Robey st. and Hoyne ave.	----	1	----
South side	Ewing place, between Hoyne ave. and Leavitt st	----	1	----
S. E. cor.	Ewing and Halsted streets	----	1	----
	Amount carried forward		68	22

*In place of 2½-inch single.

WEST DIVISION—CONTINUED.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	----	68	22
North side	Ewing street, 300 feet east of Halsted street	----	1	----
South side	Ewing street, 600 feet east of Halsted street	----	1	----
*N. W. cor	Ewing and Desplaines streets	----	1	----
*N. W. cor	Ewing and Jefferson streets	----	1	----
*S. W. cor	Ewing and Clinton streets	----	1	----
West side	Fairfield avenue, 514 feet south of Twelfth street	----	----	1
East side	Fairfield ave., 864 feet south of Twelfth street	----	----	1
East side	Fairfield avenue, 355 feet south of Twelfth street	----	----	1
N. W. cor.	Fairfield avenue and Twelfth street	----	1	----
East side	Fairfield avenue, 300 feet north of Twelfth street	----	----	1
West side	Fairfield avenue, 590 feet north of Twelfth street	----	1	----
East side	Fairfield avenue, 220 feet south of Fulton street	----	----	1
West side	Fairfield avenue, between Lake and Fulton sts.	----	1	----
S. E. cor.	Fifteenth street and Ashland avenue	----	1	----
East side	Fisk st., between Sixteenth and Eighteenth sts.	----	1	----
N. E. cor.	Fisk and Twenty-second streets	----	1	----
*N. W. cor	Forquer and Clinton streets	----	1	----
*N. E. cor.	Forquer and Jefferson streets	----	1	----
S. E. cor.	Forquer and Halsted streets	----	1	----
*N. side	Forquer st., between Desplaines and Halsted sts.	----	1	----
N. W. cor.	Fourteenth and Waller streets	----	1	----
South side	Fourteenth st., 270 feet east of Blue Island ave.	----	1	----
South side	Fourteenth street, 300 feet west of Centre avenue	----	1	----
South side	Fourteenth street, 292 feet west of Loomis street	----	1	----
South side	Fourteenth street, 300 feet west of Throop street	----	1	----
South side	Fourteenth street, 260 feet east of Ashland ave.	----	1	----
North side	Fowler street, between Hoyne ave. and Robey st	----	1	----
North side	Fowler st., between Robey st. and Evergreen av.	----	1	----
North side	Fowler st., between Leavitt st. and and Hoyne av	----	1	----
*N. E. cor.	Fowler and Leavitt streets	----	1	----
North side	Frankfort street, 340 feet east of Western avenue	----	1	----
North side	Fulton street, between Hoyne ave. and Robey st.	----	----	1
North side	Fulton st., between Hoyne ave. and Leavitt st.	----	----	1
North side	Fulton st., between Ashland ave. and Paulina st.	----	----	1
North side	Fulton street, between Wood and Paulina streets	----	----	1
North side	Fulton street, between Wood and Lincoln streets	----	----	1
South side	Fulton street, between Robey and Lincoln streets	----	----	1
S. E. cor.	Green and Pratt streets	----	1	----
West side	Green street, between Phillips and Pratt streets	----	1	----
S. W. cor.	Green and Phillips streets	----	1	----
N. E. cor.	Green and Ohio streets	----	1	----
*S. W. cor.	Green and Erie streets	----	1	----
*S. W. cor.	Green and Fulton streets	----	1	----
†N. W. cor.	Green and Superior streets	1	----	----
	Amount carried forward	1	100	33

* In place of 2½-inch single.

† In place of 2½-inch double.

WEST DIVISION.—Continued.

LOCATION.	STREETS.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	1	100	33
N. W. cor.	Grenshaw and Idaho streets	----	1	----
N. E. cor.	Gross parkway and Seymour street	----	1	----
N. W. cor.	Gurley and May streets	----	1	----
N. W. cor.	Gurley and Gold streets	----	----	1
*N. W. cor.	Halsted and Sebor streets	----	1	----
*S. W. cor.	Halsted and Pratt streets	----	1	----
N. E. cor.	Halsted street and Evans court	----	1	----
N. E. cor.	Harrison and Rockwell streets	----	----	1
S. E. cor.	Harrison street and Irving place	----	1	----
S. E. cor.	Harrison and Rockwell streets	----	1	----
South side.	Harrison st. bet. Robey street and Hoyne ave.	----	----	1
South side.	Harrison street, 300 ft. west of Hoyne avenue	----	----	1
N. W. cor.	Harrison street and Congress park	----	1	----
South side.	Harrison street, 885 ft. west of Rockwell street	----	----	1
South side.	Harrison st. bet. Western and Campbell avenues.	----	1	----
N. E. cor.	Henry and Wood streets	----	1	----
South side.	Henry street between Paulina and Wood streets.	----	1	----
S. E. cor.	Henry street and Ashland avenue	----	----	1
N. W. cor.	Hermitage avenue and Twelfth street	----	1	----
West side.	Hermitage avenue, 310 ft. north of Twelfth st.	----	1	----
West side.	Hermitage avenue, 400 ft. south of Polk street.	----	1	----
N. E. cor.	Hirsch and Shober streets	----	----	1
N. W. cor.	Hirsch and Rockwell streets	----	1	----
North side	Homer street bet. Robey street and Hoyne ave.	----	1	----
South side.	Hope street, 112 ft. west of Blue Island avenue.	----	----	1
North side	Hope street, 300 ft. east of Morgan street	----	----	1
S. W. cor.	Hoyne avenue and Homer street	----	1	----
N. W. cor.	Hoyne avenue and Bryson street	----	1	----
*S. W. cor	Hoyne and Evergreen avenues	----	1	----
North side	Hubbard st. bet. Armour street and Bixby place.	----	1	----
*N. W. cor	Hubbard street and Centre avenue	----	1	----
*N. W. cor	Hubbard and Noble streets	----	1	----
*N. W. cor	Hubbard and May streets	1	----	----
West side.	Idaho street, 300 feet north of Taylor street	----	1	----
N. W. cor.	Idaho and Taylor streets	----	1	----
West side.	Idaho street, 295 feet north of Grenshaw street.	----	----	1
North side	Irving place, 236 feet north of Polk street	----	----	1
West side.	Laflin street bet. Madison and Monroe streets.	----	1	----
*East side.	Laflin street bet. Adams and Monroe streets	----	1	----
West side.	Laflin street bet. Adams and Jackson street	----	----	1
East side.	Laflin street bet. Van Buren and Jackson streets.	----	----	1
East side.	Laflin street bet. Congress and Harrison streets.	----	1	----
West side.	Laflin street bet. Congress and Van Buren sts.	----	----	1
	Amount carried forward	2	128	47

* In place of 2½-inch single valve.

WEST DIVISION.—CONTINUED.

LOCATION.	STREETS.	Size of Hydrants 4-inch Double.	3½-inch Double.	2½-inch Single.
	Amount brought forward	2	128	47
N. W. cor.	Lake street and Albany avenue	----	1	----
North side	Lake street, 305 ft. east of Kedzie avenue	----	1	----
South side.	Laughton street, 275 ft. west of Oakley avenue	----	1	----
West side	Leavitt street bet. Van Buren and Jackson sts.	----	1	----
West side	Leavitt street bet. Adams and Jackson streets	----	1	----
East side.	Leavitt street bet. Adams and Monroe streets	----	1	----
West side	Leavitt street bet. Madison and Monroe streets	----	1	----
S. E. cor.	Leavitt and Flournoy streets	----	1	----
S. E. cor.	Leavitt and Lexington streets	----	1	----
West side	Leavitt street bet. Lake street and Park avenue	----	----	1
East side	Leavitt street bet. Washington st. and Park ave.	----	----	1
West side	Leavitt st. bet. Washington st. and Warren ave.	----	----	1
West side	Leavitt street bet. Madison st. and Warren ave.	----	----	1
S. W. cor.	Leavitt street and Carroll avenue	----	1	----
S. W. cor.	Leavitt and Walnut streets	----	1	----
S. W. cor.	Leavitt and Coulter streets	----	1	----
North side	Le Moyne avenue bet. Hoyne ave. and Robey st.	----	1	----
North side	Le Moyne ave. bet. Hoyne ave. and Leavitt st.	----	1	----
S. W. cor.	Lessing and Front streets	----	----	1
*S. W. cor	Lincoln and Augusta streets	----	1	----
West side	Lincoln street bet. Augusta and Iowa streets	----	1	----
West side	Lincoln street bet. Augusta and Thomas streets	----	1	----
*N.W. side	Lincoln street, 75 feet west of Park place	1	----	----
*S. W. cor	Lincoln and Thomas streets	----	1	----
N. W. cor.	Lincoln and Polk streets	----	1	----
North side	Lubeck street bet. Oakley and Western avenues.	----	1	----
N. W. cor.	Macalister place and Centre avenue	----	1	----
South side.	Madison street, 300 feet west of Rockwell street.	----	1	----
South side.	Madison street, 300 feet east of California ave.	----	1	----
N. W. cor.	Maxwell and Waller streets	----	1	----
S. W. cor.	Maxwell and Brown streets	----	1	----
S. W. cor.	Maxwell and Johnson streets	----	1	----
N. E. cor.	May and Eleventh streets	----	1	----
N. E. cor.	May and Taylor streets	----	1	----
*N. W. cor	May and Damen streets	----	1	----
East side.	May street bet. Good and Better streets	----	1	----
S. W. cor.	May and Harrison streets	----	1	----
West side.	May street bet. Huron and Erie streets	----	1	----
North side	Monroe street, 240 feet east of Sacramento ave.	----	----	1
N. W. cor.	Moore and Robey streets	...	1	----
N. W. cor.	Moore street and California avenue	----	----	1
North side	Moore street, 403 feet west of California avenue.	----	----	1
S. W. cor.	Morgan and Maxwell streets	----	1	----
	Amount carried forward	3	162	55

* In place of 2½-inch valve.

WEST DIVISION.—Continued.

LOCATION.	STREETS.	Size of Hydrants 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	3	162	55
East side	Morgan street, 208 feet south of Twelfth street		1	
West side	Morgan st. bet. Erie st. and Milwaukee avenue		1	
S. W. cor.	Myrtle and Birch streets			1
S. W. cor.	Newberry avenue and Sixteenth street		1	
West side	Newberry avenue, 312 feet south of Wright st.			1
N. E. cor.	Newberry avenue and Eighteenth street		1	
West side	Newberry avenue, 300 feet south of Sixteenth st.			1
N. E. cor.	Newberry avenue and alley south of Twelfth st.			1
West side	Newton street bet. Augusta and Iowa streets			1
*N. E. cor.	North avenue and McHenry street		1	
North side	North avenue at west end of river bridge			1
S. E. cor.	North and Elston avenues		1	
*N. W. cor	North avenue and Commerical street		1	
*N. W. cor	North avenue and Paulina street		1	
*N. W. cor	North and Ashland avenues		1	
N. W. cor.	North avenue and Holt street		1	
N. E. cor.	North avenue and Robey street		1	
S. E. cor.	Norton and Gurley streets			1
West side	Nutt street bet. Sixteenth and Eighteenth sts.			1
S. W. cor.	Oakley avenue and Coulter street		1	
S. W. cor.	Oakley avenue and Twelfth street		1	
S. E. cor.	Oakley avenue and Grenshaw street			1
West side	Oakley avenue, 290 feet south of Taylor street		1	
S. W. cor.	Ogden and Warren avenues		1	
West side	Ogden avenue bet. Monroe and Adams streets		1	
S. W. cor.	Ogden avenue and Ogden place		1	
N. E. cor.	Ogden and Ashland avenues		1	
N. W. cor.	Ogden avenue and Wood street		1	
S. E. cor.	Ogden avenue and Honore street		1	
S. W. cor.	Ogden avenue and Matthew street		1	
N. W. cor.	Ogden avenue and Jackson street		1	
N. E. cor.	Ogden avenue and Robey street		1	
N. W. side.	Ogden avenue bet. Robey and Polk streets		1	
S. E. side.	Ogden avenue, 300 feet south of Polk street		1	
N. W. cor.	Ogden avenue and Harrison street		1	
S. E. side.	Ogden avenue, 300 ft. north of Taylor street		1	
N. W. side.	Ogden avenue, 300 ft. south of Taylor street			1
N. W. side.	Ogden avenue, 300 ft. north of Twelfth street		1	
N. E. cor.	Ogden avenue and Twelfth street		1	
East side.	Park street bet. Wood and Lincoln streets		1	
N. E. cor.	Parker place and Lake street		1	
North side	Parmelee street, 403 ft. west of California ave.			1
N. W. cor.	Parmelee street and California avenue			1
	Amount carried forward	3	193	67

*In place of 2½-inch single valve.

WEST DIVISION—CONTINUED.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	3	193	67
North side	Parmelee street, 835 feet west of California ave.	----	----	1
S. W. cor.	Paulina and Division streets	----	1	----
S. W. cor.	Paulina street and Ogden avenue	----	1	----
S. W. cor.	Paulina and Jane streets	----	1	----
*N. W. cor	Paulina and Division streets	----	1	----
*N. W. cor	Peoria and Indiana streets	----	1	----
S. W. cor.	Polk and Nixon streets	----	1	----
S. W. cor.	Polk and Norton streets	----	----	1
North side	Rebecca street, 282 feet west of Laflin street	----	----	1
N. E. cor.	Rice and Leavitt streets	----	1	----
†N. W. cor.	Robey and Fulton streets	----	1	----
S. W. cor.	Sacramento and Washington streets	----	1	----
East side	Sheldon street, between Randolph and Lake sts.	----	1	----
West side	Shober street, 300 feet north of North avenue	----	1	----
West side	Shober street, 300 feet north of Hirsch street	----	1	----
West side	Shober street, 630 feet north of North avenue	----	----	1
S. E. cor.	Sholto and Polk streets	----	1	----
*S. W. cor.	Sholto and Better streets	----	1	----
West side	Sholto street, 260 feet north of Taylor street	----	1	----
S. W. cor.	Sibley and Arthington streets	----	1	----
S. W. cor.	Sibley street and Vernon Park place	----	1	----
*S. E. cor.	Sixteenth street and Centre avenue	----	1	----
North side	Sixteenth street, between Paulina and Wood sts.	----	1	----
S. E. cor.	Sixteenth and Wood streets	----	1	----
N. E. cor.	Sixteenth and Brown streets	----	1	----
N. E. cor.	Sixteenth and Halsted streets	----	1	----
S. W. cor.	Sixteenth and Throop streets	----	1	----
N. W. cor.	Sixteenth street and Blue Island avenue	----	1	----
N. W. cor.	Sixteenth and Fisk streets	----	1	----
N. W. cor.	Sixteenth and Morgan streets	----	1	----
S. W. cor.	Stevens and Jackson streets	----	1	----
N. W. cor.	Talman and Ogden avenues	----	1	----
West side	Talman avenue, 330 feet north of Ogden avenue	----	----	1
South side	Thirteenth place, between Wood and Lincoln sts.	----	1	----
N. E. cor.	Thirteenth and Lincoln streets	----	1	----
S. side	Thirteenth street, between Wood and Lincoln sts	----	1	----
N. E. cor.	Thomas and Rockwell streets	----	----	1
North side	Thomas st., bet. Seymour st. and center of block	----	----	1
*N. W. cor.	Throop and Eighteenth streets	----	1	----
West side	Throop street, between Jackson and Adams sts.	----	1	----
*S. W. cor.	Throop and Jackson streets	----	1	----
*N. W. cor.	Throop and Van Buren streets	----	1	----
South side	Twelfth street, at the viaduct	----	1	----
*N. W. cor.	Twelfth and Desplaines streets	----	1	----
N. E. cor.	Twelfth and Brown streets	----	1	----
	Amount carried forward	3	231	74

* In place of 2¼ inch single.

† In place of 2½ inch single on S. W. corner.

WEST DIVISION—Continued.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	3	231	74
N. E. cor.	Twelfth and Morgan streets		1	
S. E. cor.	Twelfth street and California avenue		1	
S. E. cor.	Twenty-first st. and alley east of Johnson street			1
S. E. cor.	Twenty-first and Throop streets		1	
South side	Twenty-first st., between Loomis and Throop sts.		1	
South side	Twenty-first st., between Loomis and Laflin sts.		1	
*N.W. cor.	Twenty-second and May streets		1	
North side	Twenty-second st., bet. Laflin st. and Ashland av		1	
North side	Twenty-second st., between Loomis and Laflin sts		1	
North side	Twenty-second st., bet. Throop and Loomis sts		1	
*N.W. cor.	Twenty-second and Loomis streets		1	
N. E. cor.	Twenty-second street and Hoyne ave		1	
North side	Twenty-second st., bet. Robey st. and Hoyne ave		1	
*N.W. cor.	Twenty-second and Throop streets		1	
South side	Twenty-sixth st., 1,000 ft. west of California ave.		1	
N. E. cor.	Twenty-sixth and Rockwell streets		1	
N. E. cor.	Twenty-sixth street and Washtenaw avenue		1	
N. W. cor.	Twenty-sixth street and California avenue		1	
*S. W. cor.	Union and Twelfth streets	1		
N. W. cor.	Upton and Rosebud streets		1	
S. E. cor.	Van Buren and Francisco streets		1	
N. W. cor.	Van Buren street and Washtenaw avenue		1	
South side	Van Buren st., 300 feet east of California avenue			1
N. E. cor.	Van Buren and Paulina streets		1	
N. E. cor.	Van Buren and Leavitt streets		1	
*N.W. cor.	Van Buren street and Seeley avenue		1	
N. E. cor.	Van Buren street and Hoyne avenue		1	
N. W. cor.	Van Buren street and Irving place		1	
N. E. cor.	Van Buren street and Oakley avenue		1	
N. W. cor.	Van Buren and Idaho streets		1	
North side	Van Buren street, between Hoyne and Leavitt sts		1	
N. W. cor.	Wabansia avenue and Dudley street		1	
N. W. cor.	Wabansia avenue and Girard street		1	
South side	Walnut street, between Lincoln and Wood sts.			1
South side	Walnut st., betw'n Ashland ave. and Paulina st.			1
North side	Walnut street, betw'n Hoyne ave. and Leavitt st.			1
North side	Walnut st., between Leavitt st. and Oakley ave.			1
North side	Walnut st., between Western and Oakley aves.			1
North side	Warren ave., between Hoyne ave. and Leavitt st			1
South side	Warren ave., between Hoyne ave. and Robey st.			1
South side	Warren avenue, between Lincoln and Robey sts.			1
North side	Warren avenue, between Lincoln and Wood sts.			1
North side	Warren ave., betw'n Ashland ave. and Paulina st.			1
North side	Washington boul., bet. Albany av. & Sacramento st			1
South side	Washington boul., bet. Albany av. & Sacramento st			1
	Amount carried forward	4	261	88

* In place of 2½ inch single.

WEST DIVISION—CONTINUED.

LOCATION.	STREET.	Size of Hydrants. 4-inch Double.	2½-inch Double.	2½-inch Single.
	Amount brought forward	4	261	88
North side	Washington boul., bet. Kedzie and Homan aves.			1
South side	Washington boul., bet. Kedzie and Homan aves.			2
N. W. cor.	Washington boulevard and Kedzie avenue			1
South side	Washington boul.,bet. Sacramento & Francisco sts			1
N. E. cor.	Washington boulevard and Clarkson street			1
South side	Washington boulevard, 220 feet west of Falls st.			1
N.W. cor.	Washtenaw and Ogden avenues		1	
East side	Washtenaw avenue, 300 feet north of Ogden ave			1
West side	Washtenaw avenue, 600 feet north of Ogden ave			1
East side	Washtenaw avenue, 950 feet north of Ogden ave			1
	West Pumping Works			2
N. E. cor.	Western avenue and Owasco street		1	
S. W. cor.	Western and Wilcox avenues		1	
S. W. cor.	Western avenue and Adams street		1	
S. W. cor.	Western avenue and Jackson street		1	
S. W. cor.	Western avenue and Van Buren street		1	
West side	Western avenue, between Kinzie and Fulton sts.		1	
N.W. cor.	Whipple and Van Buren streets		1	
East side	Whipple street, 230 feet south of Jackson street			1
East side	Whipple street, 260 feet north of Jackson street		1	
West side	Whipple street, 528 feet north of Jackson street			1
North side	Wilcox ave., 400 feet east of Sacramento street			1
S. E. cor.	Winchester avenue and Congress street		1	
West side	Wood st., bet. Clybourn pl. and Bloomingdale r'd		1	
N. E. cor.	Wright and Morgan streets		1	
*N.W. cor.	Zion place and Throop street		1	
	Total in West Division	4	274	103
	Previously put in	222	739	1141
	Totals	226	1013	1244
	Less by hydrants taken out and replaced by others of different sizes		2	47
	Total in use in West Division	226	1011	1197

*In place of 2½ inch single.

RECAPITULATION.

Hydrants taken out and replaced by others of different sizes in 1884.

DIVISION.	4 Inch Double.	2½ Inch Double.	2½ Inch Single.	TOTAL.
North	1	.....	11	12
South	.....	.....	6	6
West.....	.....	2	47	49
Total.....	1	2	64	67

HYDRANTS PLACED IN 1884.

DIVISION.	4 Inch Double.	2½ Inch Double.	2½ Inch Single.	TOTAL.
North.....	1	43	15	59
South	1	72	26	99
West.....	4	274	103	381
Total.....	6	389	144	539
Net increase in 1884,	5	386	80	472

TOTAL NUMBER OF HYDRANTS IN THE CITY.

DIVISION.	4 Inch Double.	2½ Inch Double.	2½ Inch Single.	TOTAL.
North	121	261	440	822
South	188	545	627	1360
West	226	1011	1197	2434
Grand total in the city	535	1817	2264	4616

QUALITY OF WATER.

The water during the past year has been good; the periods of roily water caused by storms or by the movement of ice during the winter and spring months have been of short duration; at other times the water has been very clear and bright.

In many cases of complaint, it has been found that the water came from the dead end of a pipe which is without circulation; a thorough flushing by the hydrants in the vicinity has at once corrected the water.

EXTENSION OF THE WEST PUMPING WORKS.

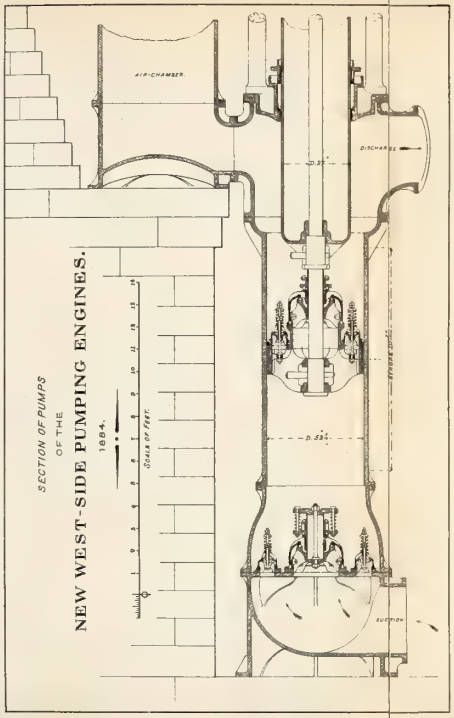
This extension, which has been in progress for several years, is completed, and the pumps were put in regular service July, 1884. The machines with the foundations and appurtenances are similar to the en-

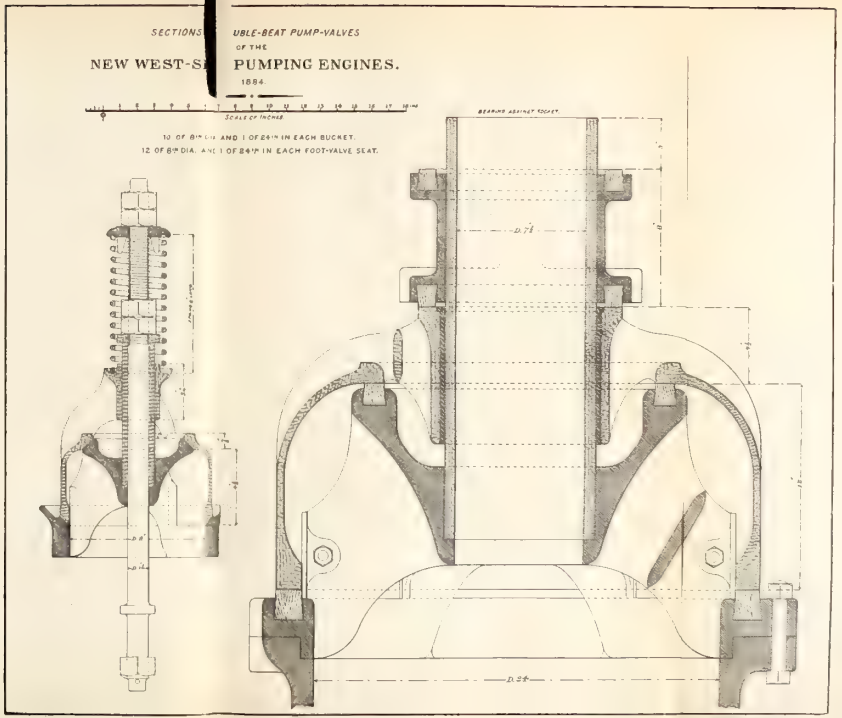
gines heretofore in use at these works, and very fully described in the annual report of this department for 1876. The construction of the foundations, particularly that portion adjacent to the wells of the existing engines, required great care and watchfulness, as it was imperative that the work should be done without interruption to the regular operation of the adjacent machinery.

The only material change made in the engines from the ones erected during 1876, has been in the foot and bucket valves of the pumps, which are of the double beat type, as used in the pumps of North Pumping Works, as shown in the accompanying illustrations. In the old engines the valves are rubber, which when in good order are very efficient, but experience has proven that there is great difficulty in getting rubber of such uniform good quality as to withstand the continuous straining and the great range of temperature of water to which they are subjected; when worn they are sources of expense and interruption to the regular operation of the engines, for renewals, and it was deemed best to avoid this expense and annoyance in the new engines. The cost of this work and the contractors for the several parts are given in the following:

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AIR-CHAMBER.
DISCHARGE
SUCTION
SECTION OF PUMPS
OF THE
NEW WEST-SIDE PUMPING ENGINES.
1884.
SCALE OF FEET.


SECTIONS
UBLE-BEAT PUMP-VALVES
OF THE
NEW WEST-S
PUMPING ENGINES.
1884.
SCALE OF INCHES
10 OF 8IN DIA. AND 1 OF 24IN IN EACH BUCKET.
12 OF 8IN DIA. AND 1 OF 24IN IN EACH FOOT-VALVE SEAT.
BEARING AGAINST SOCKET.

THE
JOHN CRERAR
LIBRARY.

Quintard Iron Works, for Machinery	$257,500 00
Thos. E. Courtney, Foundations	43,885 17
M. C. Bullock M'f'g Co., Drilling Bolt-holes	5,807 00
Jos. Downey, Masonry for Buildings	13,171 65
True, Brunkhorst & Co., Terra Cotta Work	2,360 00
Central Bridge Works, Iron Roof, Roofing, Kinsely & Co. and Slating	13,500 00
Lake View Terra Cotta Works, Roof Tiles	2,670 00
Manning & Phillips, Painting and Glazing	575 00
Matt Taylor, Tile Flooring	1,068 00
Building wet wells, etc. Special Castings and Valves, and making connections with the water mains, building boiler houses and coal sheds, engineers and inspectors's services, and incidentals	31,144 19
Total Cost of Extension	$371,681 01

Mr. Wm. R. Northway was assistant engineer in charge of the work, and Mr. Wm. Innes, foreman over the work done by the City.

Mr. Jno. Whittaker was foreman for the contractors in charge of the erection of the machinery and the work reflects credit on all who had charge of its construction.

The ponderous machinery was put in regular opera-

tion when completed, without any preliminary trials, and has continued without interruption to satisfactorily perform its duty to the present time.

INLET BASIN.

The inlet basin on the Lake Shore has been kept in repair and clean at all times, ready for any emergency which might arise.

LAKE TUNNELS.

The Lake Tunnels are in good order and their capacity is equal to all demands for some time to come.

LAKE CRIB.

The Lake Crib is in good order and has required no extraordinary repairs or attention during the past year.

SOUTH BRANCH RIVER PUMPING WORKS.

These works were in operation during January and to the middle of February, after which they were stopped until the end of May. Since that time they have been in regular operation during the year. The casings to the wheels, which were not satisfactory, have been changed by the contractors at their expense; this change will doubtless make a great improvement in the economical working of the machinery and probably increase its capacity. It is not possible to give the exact quantity of water discharged by these pumps until after

a scientific test of their capacity has been made, which has been delayed pending the completion of the changes mentioned; this test will no doubt be made in the near future.

We know that the pumps have discharged as much water as the canal can carry without overflowing its banks and causing damage to the farm lands adjacent. This quantity, as near as we can ascertain, is about 40,000 cubic feet per minute or two-thirds the capacity of the works. This has been done by three out of the four sets of machines running at a speed of about 84 revolutions per minute. They are designed to run at a speed of 100 revolutions per minute. By the operation of these works the water in the main river and the South branch has been kept in a very satisfactory condition, free from offensive odors and at all times fairly clear.

These works have very little effect upon the water of the South Fork, which remains a disgusting, stagnant body, receiving the whole of the refuse and sewage from the Stock Yards, south of the city limits. In times of freshets or storms the accumulations of filth which have been collecting and festering for weeks, are carried down the canal, making it very offensive to the inhabitants on the banks of this watercourse.

It would seem as if some steps should be taken to maintain a current through this branch at all times, so as to remove the filth as fast as it accumulates and be-

fore decomposition commences, or to prevent it being deposited in the river at all.

NORTH BRANCH RIVER PUMPING WORKS.

These works have been operated regularly during the past year, the greater part of the time discharging into the lake. In January and February, the water from the lake was discharged into the river, since then with the exception of four days in June, the discharge has been into the lake. The effect of pumping into the river has not proven satisfactory; during the winter months the change is not readily apparent, as the coldness of the water and the ice on the surface prevents any active decomposition of the sewage and most of it is carried off by the current without offensive odors, while the rush of water during the Spring freshets, which occur soon after the breaking up of the ice, flush out whatever accumulations of filth have collected during the winter.

In the warm Summer months, under the influence of sunshine and light, the refuse and organic matter is in an active state of fermentation and the water in the river quickly becomes foul and objectionable both to sight and smell. From experiments, it is found by pumping from the lake into the river, the water both in the main river and the North branch becomes, within three or four days, very offensive, even when the South Branch Works are in operation, while, by dis-

charging from the river into the lake the main river and the North branch are at all times kept clean and without offensive odors.

The machinery at these works is in need of some little repairs, which will probably be done early the coming season.

The following table shows the operation of these works for the year:

OPERATION OF ENGINES AND BOILERS AT NORTH BRANCH RIVER PUMPING WORKS.

MONTHS.	Number of Hours run per Month. H. M	Total Number of Revolutions per Month.	Average Number of Revolutions per Minute.	Average Head of Water Against Pumps.	Total Number of Cubic Feet of Water Pumped into the River.	Total Number of Cubic Feet of Water Pumped into the Lake.	Average Number of Cubic Feet of Water Pumped per Minute.	Pounds of Coal consumed per Month for Pumping.	DUTY PER 100 LBS OF COAL.	
January	657:35	2,931,246	74.29	2.93	612,770,880	----------	15,530.88	505,100	22,216,128	
February	483:45	2,064,561	69.12	2.58	381,091,795	47,253,360	14,757.70	363,800	18,980,389	Discharged into river about 50 hours on the 27th, 28th and 29th.
March	266:50	1,195,676	74.33	2.85	----------	246,286,555	15,383.29	214,400	20,461,656	Stopped on the 12th on account of down current and to overhaul engines.
April	65:10	285,696	70.39	2.88	----------	60,125,140	15,377.27	67,000	16,153,022	Engines started 28th.
May	678:30	2,980,415	73.06	2.92	----------	629,918,985	15,473.32	511,600	22,470,722	Reversed to discharge into river 23rd. " " lake 27th.
June	618:45	2,666,757	72.01	2.85	81,789,150	485,266,800	15,274.23	481,200	20,990,615	
July	704:45	3,131,377	73.89	3.01	----------	663,773,320	15,679.16	535,200	23,331,905	
August	697 45	3,110,478	74.26	3.05	----------	664,502,477	15,872.50	531,400	23,837,181	
September	693:15	3,124,351	75.09	3.10	----------	664,779,610	15,980.76	526,800	24,449,705	
October	590:00	2,630,321	74.02	3.05	----------	563,315,070	15,912.85	446,800	25,398,821	Shut down for repairs.
November	675:00	3,009,381	74.36	3.06	----------	641,931,525	15,850.16	516,500	23,769,487	
December	703:45	3,116,413	73.79	3.05	162,177,480	508,064,715	15,873.11	530,000	24,106,588	Reversed to discharge into river 24th.
Totals	6,835:05	30,246,672	------	------	1,237,829,305	5,175,217,557	----------	5,229,800	----------	----------
Average	----------	----------	73.23	2.94 1/2	----------	----------	15,580.44	----------	----------	----------

TRAFFIC TUNNELS.

The La Salle Street Tunnel is in good condition and will require but ordinary care the coming year. The wooden shanty over the drainage pumps is in a very dilapidated condition and should be taken down and a suitable building of masonry erected in its place.

Washington Street Tunnel is unsatisfactory, the leaking under the river continues and it is not possible to stop it with the means at our command. The water keeps the roadway wet at all times and causes a never-ending expense for maintaining the pavement in a passable condition. In the winter, ice forms in hillocks where the water drops, which leaves the roadway very disagreeable and at times dangerous.

RIVER AND DREDGING.

The level of water in the lake has remained at a high stage during the past year, the depth of water in the river has been ample for all purposes of navigation, without resorting to dredging. The City Council for sanitary reasons ordered Ogden Slip to be dredged, which has been done, leaving a depth of water in the channel of 14 feet.

The following table shows the level of water in the river, above city datum, each month during the past year:

MONTH.	Highest.	Lowest.	Mean.	No. of days* above Mean.
January	3.00	1.00	2.09	14
February	2.80	1.70	2.27	13
March	3.40	1.50	2.49	14
April	3.40	2.10	2.67	13
May	3.40	2.40	2.84	12
June	3.60	2.70	3.03	11
July	3.20	2.00	2.84	13
August	3.10	2.40	2.72	12
September	2.90	1.90	2.44	12
October	3.60	1.60	2.47	12
November	2.90	1.40	2.22	12
December	2.80	1.50	2.08	11
Average			2.513	149

* Not including Sundays or holidays when water gauge was not read.

BRIDGES AND VIADUCTS.

I again urge the importance and necessity of replacing some of the old bridges over the river with new structures, at as early a date as possible; these structures were built at an early day, when the amount of traffic and the individual loads were very small, compared with the loads of to-day. The structures are not proportioned for the heavy city traffic to which they are subjected and ordinary prudence would require that they be replaced with new ones proportioned to the work they have to perform. The bridges and via-

ducts have been maintained in as good condition as possible, repairs made wherever needed and the roadways and sidewalks replanked when worn.

The inherent defects of some of the old structures make the items of maintenance appear very large and they require and receive constant attention and repairs to keep them safe for public travel.

RUSH STREET BRIDGE.

The accident to this bridge, of which mention was made in our last report, afforded a favorable opportunity to demonstrate the advantages and utility of double track bridges, which have before been advocated at other crossings of the Chicago River. The location is especially favorable to the purpose, as two important thoroughfares on the South Side terminate at this point and the river is of sufficient width to allow a structure of this extraordinary size to be fixed in the channel without interfering with the river traffic. The structure was completed in July and has been in regular service since that time.

It has become a very popular route for traffic between the North and South Divisions of the City. The rapidity with which the adjacent streets are cleared of vehicles after the passage of vessels, and the saving in time in getting over, has caused it to be preferred when practicable and it relieves to a great extent the crowded state of the adjacent bridge.

On Thursday, Aug. 8th, the bridge was formally tested by E. Hemberle, Esq., C. E., who reported that it took 59 seconds to draw the latch and swing the structure to the center protection, and 62 seconds to swing it back again to the abutment, and to open it for a passing vessel and swing it back again to the abutment ready for use took 138 seconds. After these tests the rollers under the ends of the bridge were so adjusted that the end tracks just touched the bearings without reactions. The North arm of the bridge was covered with 18 loaded teams and about 800 people, an aggregate of 200 tons, the South arm being unloaded at the time. Under these conditions, the deflection of the North arm was half an inch and the South end was raised three-eights of an inch. The bridge was then loaded from end to end with heavy teams and about 2,000 people, the entire load was estimated at 370 tons. The maximum deflection of the trusses under the above was three-eights of an inch This was followed by four engines abreast, followed by their hose carriages and other vehicles which, at a given signal, went across the bridge at full gallop. The vibration under this test was moderate. The bridge was then swung again—no permanent deflection was found and it turned as easy as before. The structure was then opened for public use and travel.

The bridge is an important one in several respects. It is one of the widest of the kind built, and the great number of times it has to be opened during the season

of navigation, together with the speed with which it must be operated, render a short description of it interesting.

DESCRIPTION OF THE NEW BRIDGE.

Foundations.—The old masonry, center pier and end abutments have been entirely removed. The new foundations of both center pier and abutments are supported on white oak piles driven 20 feet below the bed of the river and sawed off level at a depth of 15 feet below water level; on top of these piles there is placed a wooden water-tight caisson with a floor 2 feet thick solid oak timbers; on this foundation the piers are built of concrete composed of Portland cement, sand and broken stone, deposited in place in layers and thoroughly rammed, so that when completed, each pier forms a monolithic mass, solid, uniform and endurable. The portion of the work above low-water level is faced on the outside with dimension stone laid in courses and rock faced. The center protection is made with four rows of piles capped and braced with 12 x 12-inch white oak timbers, and on the outer row of piles there are bolted three crosses of 6x12-inch white oak wales, the whole framed and braced so as to stand the shock of passing vessels, and guard the bridge while it is swung in the middle of the river. At the ends of the protection and also at each side of the piers are guard piles bound together in clumps by heavy chains and

capped from one clump to another with oak timbers to save the piers and ends of protection.

The superstructure or bridge proper is of wrought-iron 240 feet long and 59 feet wide, resting on a turn-table 48 feet diameter. This diameter of the turn-table is unusually great on account of the great width of the bridge, and especial provision is made to distribute the load as much as possible over the circumference. The turn-table is of the "rim bearing" type, the load being carried on the rollers and not on the center. Although a centre bearing is provided it carries but a small fraction of the weight of the bridge. There are seventy-four cone-shaped cast-iron rollers 18 inches diameter and 8 inches face; they are kept in position by radial arms from the centre; both upper and lower tracks are cast-iron planed to the proper bevel and every means taken to insure a smooth and level bearing for the wheels at all positions of the bridge. The drum is of wrought-iron strutted to a cast-iron spider in the center.

On top of the drum are six heavy wrought-iron beams T-shaped on plan, one beam under each chord of the trusses as they pass over the turn-table. The bridge is carried by these beams on steel pins placed in such a position that the load at each beam is divided and transmitted to the drum and bearing rollers in three equal parts, one part being carried through the end of each arm of the beams, making in all eighteen points of support for the bridge while turning. The advantage

which will accrue from distributing the load over as great a surface as practicable will result in a considerable saving of power in turning the bridge and lessening the cost for maintenance and repairs. The wearing of the roller path and breakage of wheels will not be at all likely to occur.

The bridge has two roadways for carriages and teams, which are each 18 feet wide between the wheel guards, and two sidewalks for pedestrians, each 7 feet wide in the clear. The trusses (of which there are three placed 21 feet from center to center), are 30 feet high for a distance of 45½ feet in length in the center over the turn-table and 20 feet high at the ends.

The general design of the trusses, their bracing, and the arrangements of the roadways and sidewalks, etc., are shown on the accompanying illustration. The floor is composed of wrought-iron plate girders, firmly rivetted at each panel joint of main girders, and the stringers are rolled I beam section, 10 inches deep, weighing thirty-eight pounds per lineal foot; these stringers are covered with 4-inch white pine plank secured to the stringer with hook bolts, on top of this is a wearing surface of 3-inch white oak planks 4 inches wide, laid diagonally and spiked to the floor.

The sidewalks are covered with surfaced white oak 8 inches wide and on the outside is a substantial wood hand-rail. From experience in this city, wood is more

desirable than iron for railing on swing bridges, as it can be quickly and easily repaired where damaged by passing vessels. The machinery for operating is located in a house over the roadway, in the center of the bridge. The engine has two steam cylinders 8-inch bore by 12-inch stroke and the power is transmitted by friction clutches, through gearing and shafting, to the pinion and circular rack on center pier.

The machinery is controlled from the floor of the bridge so the bridgeman in charge can operate the bridge and at the same time exercise police power upon the roadways.

The end bearings are in no manner subject to the movement of the bridge, the lifting and adjusting of the end bearing wheels is done by independent attachments of worm gearing on the abutments. For a bridge subject to such constant heavy traffic as this bridge is and one that must be swung on an average more than one hundred times each twenty-four hours or about 30,000 times during the season of navigation, for the passing of masted vessels, it was deemed best to avoid all unnecessary and, as a rule, complicated machinery on the bridge, essential when the ends of a bridge are to be lifted, moreover it is found impracticable to keep the crowds of people, who congregate at each approach when the bridge is open, from rushing on as soon as it reaches the abutments and before being entirely closed. When this occurs the end panels are loaded before the

bridge is fully seated on the abutment, and is liable to derange any mechanism operated on the bridge that could be devised for the purpose of rigidly sustaining the ends; besides, the noise due to the operation of such gearing would be apt to frighten horses and cause accident.

By the arrangement which has been adopted the end bearing wheels can be raised or adjusted at pleasure as often as is found necessary during the day or night, and the bridge therefore moves on a firm support at the ends as soon as it reaches the abutments.

The bridge is lighted by electric lights, there being six in number of two thousand candle power each. Two of these are signal lights to warn approaching vessels of the position of the bridge and four are for lighting the roadways and foot paths. The dynamo is operated by an independent engine with one steam cylinder 7 inches diameter and 9 inches stroke. These lights are furnished and maintained by the Thomson Houston Electric Company.

The bridge is designed to carry the heaviest city traffic; vehicles of all kinds, including fire engines, can pass over without checking the speed. It will safely carry four lines of heavily loaded teams with the footways crowded with pedestrians, a weight estimated at nearly 5,000 pounds per lineal foot of bridge or a total load on the whole bridge of over 1,000 tons, and loads

of twenty tons on one wagon can go over the structure without injury to any member.

The material used in the superstructure is wrought-iron (cast-iron is used only in turn-table rollers and roller paths, center step and a few minor details); it has been inspected and tested during the progress of manufacture and erection. The material was found to be the best of the kind and the workmanship throughout as first-class.

The foundations and piers and protection were built by Fitz Simons & Connell, of Chicago; exclusive of temporary work and caisson there was used in the work 629 white oak piles, 10,300 cubic feet of oak timber, 2,007 cubic yards of concrete, 277 cubic yards of stone facings, 534 cubic yards of rubble masonery. There was 1,700 barrels of Portland cement used in the concrete which was furnished by the Empire Warehouse Company, Philip Wadsworth, President.

The superstructure was built by Messrs. Rust & Coolidge, bridge builders, of Chicago, who used over 481 tons of iron and 7,040 cubic feet of wood, which weighs 176 tons, making the total weight of the structure 657 tons, subdivided as follows:

Iron in turntable	187,000 lbs.
Iron trusses with their braces	510,000 lbs.
Iron in floor system	245,000 lbs.
Iron in end adjustments	20,000 lbs.
Wood in floors, etc.	352,000 lbs.
	1,314,000 lbs.

For the purpose of comparing the weight of this structure with some of our more important swing bridges over the Chicago River: Madison Street Bridge, which is 158 feet long and 30½ feet wide, weighs 132 tons; Randolph Street Bridge is 157 feet long and 34 feet wide, weighs 134 tons; Harrison Street Bridge is 175 feet long and 35 feet wide, weighs 161 tons.

The machinery for turning was built and erected by the Vulcan Iron Works, Chicago.

The wood pavement on approaches was done by J. B. Smith & Co., and the granite pavement on River street by John E. McMahon.

The work was built from the designs and under the supervision of this department.

The cost of the work is as follows:

Foundations and Masonry	$ 56,417 57
Superstructure	49,795 85
Center Protection, dock walls, etc.	15,216 50
Machinery for turning bridge	3,657 00
Electric light machinery	1,200 00
Paving and Filing Approaches	3,346 08
Sidewalks and work done by City, including engineering and incidentals	8,386 85
Total	$138,019 85

CENTRE AVENUE VIADUCT.

This structure crosses the C. B. & Q. and C. & N. W. Railway tracks at 16th street and Centre Avenue.

On Centre avenue the north approach extends from 46 feet north of Henry street to the north line of Rebecca street, a distance of 713 feet, and the south approach extends from 66 feet south of 18th street to the south line of 16th street, a distance of 734 feet. Both these approaches have an inclination of one foot in 40. There are lateral approaches on all streets which cross the main approaches on Centre avenue. These have an inclination of one foot in 30.

The work on approaches was commenced Dec. 6, 1883, by building the curb or retaining walls on Henry street. The work on the lateral streets was prosecuted first so as to delay for as short a time as practicable the traffic on Centre avenue, the main thoroughfare.

Work was commenced on Centre avenue March 18, 1884, and on July 7th, the south abutment was begun, which entirely stopped travel on this street. The work was prosecuted through the summer without interruption, the foundation for pavement begun Sept. 23rd, and the pavement on all approaches completed by November 20th.

The erection of the iron work of the viaduct commenced Oct. 15th, and the whole work was finished and opened for public travel Dec. 13, 1884.

The approaches on all streets leading to the viaduct are built with retaining walls, and earth filling, in a

very substantial manner; the pavement is composed of a foundation of broken stones and gravel, thoroughly rolled and compacted by steam rollers to a thickness of 10 inches, on which is laid pine blocks 6 inches thick with the interstices filled with asphaltic composition and gravel.

All the approaches are the full width of the streets.

The buildings and improvements on the line are all raised to the new grade of the streets, and amicable settlements in nearly all cases have been made with the owners.

The viaduct proper consists of two plate girder spans 68 feet long over 16th and Rebecca streets, one span 153 feet long over the C. & N. W. R. R. tracks, and one span 120 feet long over the C. B. & Q. R. R. tracks. There are three trusses or girders in each span fixed 21 feet from center to center, with two sidewalks on the outside, making the structure 58 feet wide over all. With the exception of the flooring, the whole of the work is of wrought iron, carefully designed and manufactured, and calculated to sustain the heaviest city traffic to which it can be subjected. The floor on the road-way is composed of 5-inch pine planks, laid close together and fastened to the iron stringers, which are about 2⅓ feet apart; on top of this is laid two thicknesses of tarred felt, the whole surface is then paved with 3x5 inch white pine blocks, each row gauged

to a uniform width and laid with close joints, the surface then flooded with asphaltum composition and clean gravel. The sidewalks are covered with two thicknesses of two inch dressed plank with two thicknesses of tarred felt between; the lower flooring is of seasoned white pine, and the top of seasoned oak. Gas lamps have been erected at proper intervals, both on the approaches and on the viaduct. Provision has been made for drainage through the public sewers.

The work on foundations and approaches was done by M. P. Gerrity, contractor.

The superstruction was built by Ed. Hemberle, of this city.

The general design is shown by the accompanying illustration. The detail of iron in the structure is as follows:

DETAILS OF WROUGHT IRON IN CENTRE AVE. VIADUCT.

	Floor System.	Girders and Laterals.	Total.
2 plate girder spans.....	195,314 lbs.	142,130 lbs.	337,444 lbs.
		Trusses	
120 feet span.....	157,760 lbs.	193,194 lbs.	350,954 lbs.
150 feet span.....	194,860 lbs.	325,378 lbs.	520,238 lbs.

or a total of over 604 tons of iron in the structure.

The cost of the work was as follows:

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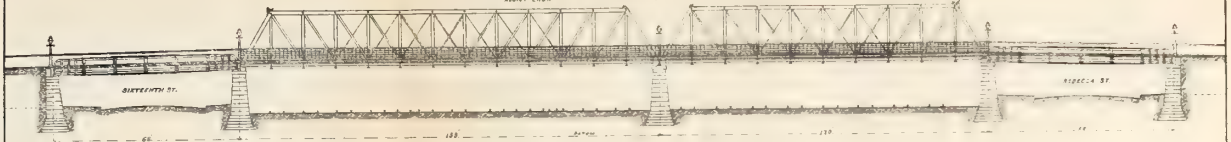
CENTRE AVE. VIADUCT.

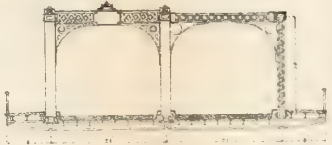
DE WITT C. GREGORY, COMR. PUB. WORKS
E. G. ASPINWALL, CITY ENGINEER.
W. R. NORTHWAY, ASSIST ENGR.

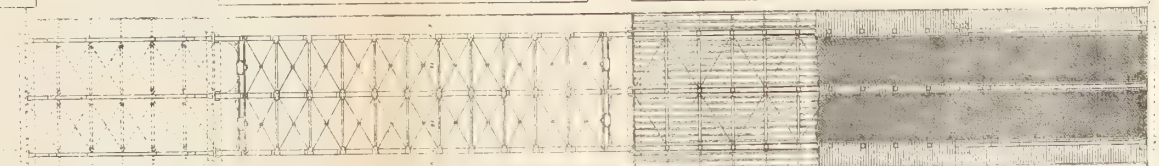
OVER THE TRACKS OF THE C. B. & Q. & C. & N. W. R'Y.

1884.

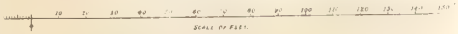
EDWARD NEWBERRY & CO., CONTRACTORS FOR SUPERSTRUCTURE.
W. H. GERRITY, CONTR. FOR SUBSTRUCTURE







ALLEY.



REBECCA

THE
JOHN CRERAR
LIBRARY.

Contract for masonry, filling and paving,	$61,380 00
" superstructure,	77,737 33
Changes in water mains and connections, " sewers " "	5,127 19
Building sidewalks, engineering and incidental expenses	8,485 60
Total	$ 152,730 12

The above does not include the expense of raising buildings on the line of the work.

The work was executed from the designs of and under the immediate supervision of this department. The railroad companies interested paid for that portion of the work over their tracks, amounting to the sum of $47,666\frac{38}{100}$, the balance of the expense being paid by the City.

WEST TWELFTH ST. VIADUCT.

The necessity for more track room by the C. B. & Q. R. R. made it necessary to either build a new span adjoining the old one at this point or build an entire new structure over all the tracks; as the old span was not a good one and needed expensive repairs, the latter course was decided upon.

The new span is 140 feet long, with two roadways and two sidewalks, the width over all being 56 feet. The trusses are similar to those erected on Centre Ave. The weight of iron in the trusses with their laterals is

205,000 lbs., and in floor system 145,000 lbs., making a total of 175 tons of iron in the structure. The approaches were raised and extended on the West side to the West line of Canal Street and repaved with Medina stone blocks on a solid foundation of broken stone.

The total cost of the work, not including settlements with owners of private property on the line, was:

For Masonry, Filling and Paving	$12,572 02
" Superstructure	18,440 00
" changes in sewer and water mains and their connections and incidental expenses	849 02
Total	$31,861 04

Of this amount the C. B. & Q. R. R. paid $24,306.84 and the city $7,554.20.

The substructure was built by M. P. Gerrity, contractor and the superstructure by Messrs. Rust & Coolidge, bridge builders of this city.

NORTH HALSTED ST. AND CHICAGO AVE. VIADUCT.

This is one of the most important structures of the kind erected in this city, both on account of its extent and the importance of the streets on which it is erected, both of them being main thoroughfares.

The railroad tracks crossing at their intersection made it a very dangerous crossing at all times. The question of a viaduct at this point has been under consideration for many years, but has been postponed from time to time on account, mainly, of the expense. The City Council having provided the necessary means, the work was commenced on the side streets Nov. 26th, 1883, but travel was not stopped on Chicago Ave. until the end of May, 1884, and on N. Halsted St. about one month later.

The work of raising the iron work of the viaduct was commenced in October, and the whole work completed and open for public use Nov. 23, 1884.

The inclination of the approaches on the main thoroughfares is one in 40, and on side streets about one in 20.

The character of the work on the approaches is very similar to that described for Centre Ave. Viaduct. The North approach on Halsted St. extends to the river, which necessitated the raising of the river bridge; this part of the work is of timber and has a temporary appearance compared with the rest of the work, but as it is probable that a new bridge will have to be built here in the near future, it was deemed best not to go to any unnecessary expense for permanent masonry, etc. With this exception the whole of the work is of a permanent character and great credit is due to the con-

tractors and others connected with the carrying out of the improvement, for the interest and care which they took in the construction of the several parts of the work.

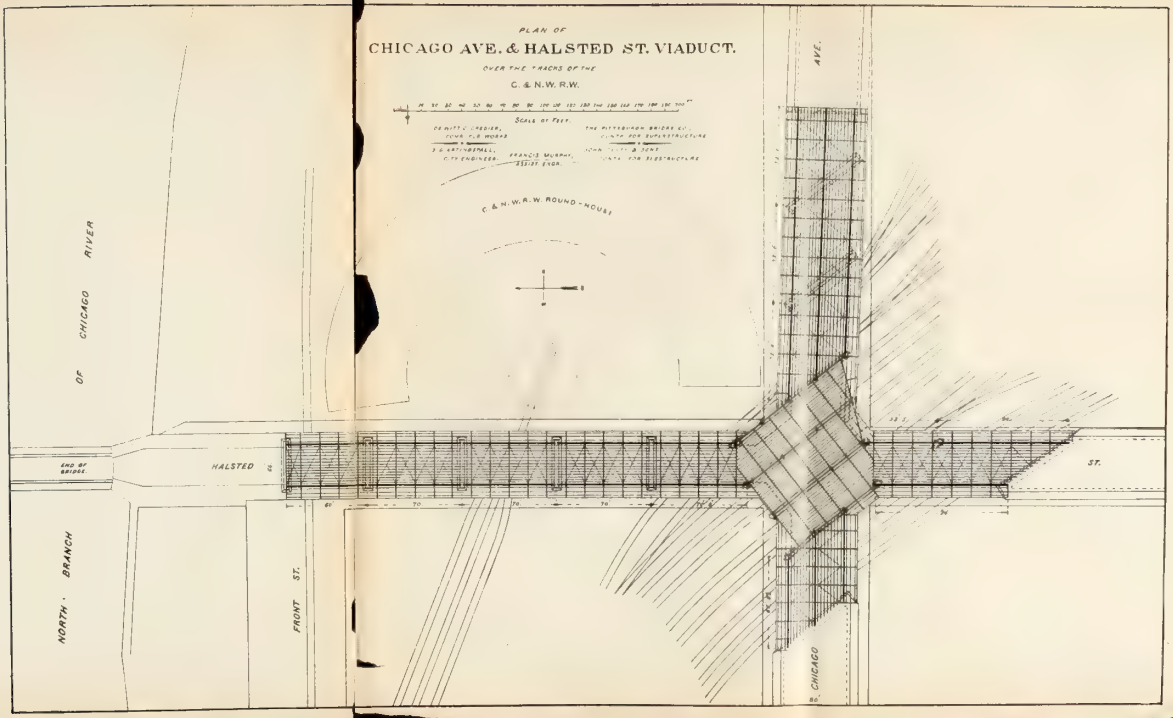
The Chicago Ave. River Bridge at the foot of the East approach and the N. Halsted St. (Canal) Bridge were thoroughly repaired and put in good order.

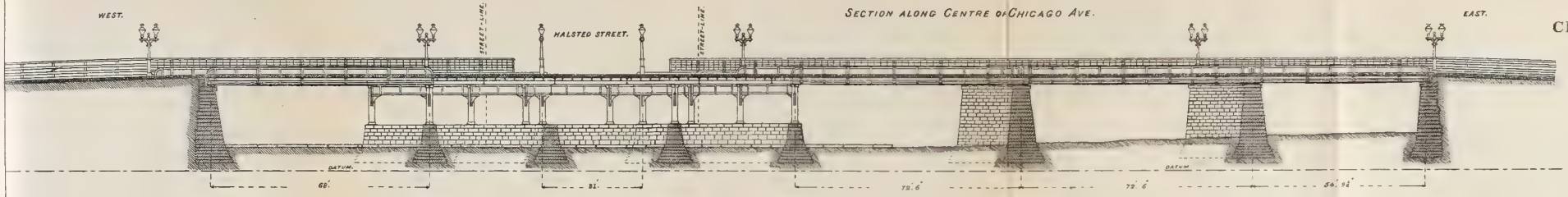
The viaduct proper is shown on the accompanying illustrations.

On North Halsted St. there are two main girders, fixed 31 feet center to center, with two sidewalks, each 9 feet wide. On Chicago Ave. there are three main girders placed 21 feet center to center and two sidewalks 9 feet wide each. At the intersection of the two streets the whole of the structural part is placed under the roadway, making a clear open way for travel. The roadways and sidewalks are covered in a similar manner as described for Centre Ave. Viaduct.

The cost of the work, not including settlements with owners of private property on the line, is:

For Masonry, Filling and Paving	$146,869 99
" Superstructure	95,987 00
" Raising N. Halsted St. Bridge and building piles, abutments, etc.	11,234 49
" Sidewalks and temporary approaches.	16,329 60
Amount carried forward	$270,421 08


PLAN OF
CHICAGO AVE. & HALSTED ST. VIADUCT.
OVER THE TRACKS OF THE
C. & N.W. R.W.
Scale of Feet.
DE WITT C. REDICK,
TOWN PLAT WORKS
S.G. ARTINGHALL,
CITY ENGINEER.
FRANCIS MURPHY,
ASSIST. ENGR.
THE PITTSBURGH BRIDGE CO.
CONTR. FOR SUPERSTRUCTURE
JOHN B. SPOTT
CONTR. FOR SUBSTRUCTURE
C. & N.W.R.W. ROUND-HOUSE
OF CHICAGO RIVER
NORTH BRANCH
END OF BRIDGE
HALSTED
FRONT ST.
CHICAGO
AVE.
ST.



Section along Centre of Chicago Ave.

SECTIONS OF

CHICAGO AVE. & HALSTED ST. VIADUCT.

OVER THE TRACKS OF THE

C. & N.W.R.W.

1884.

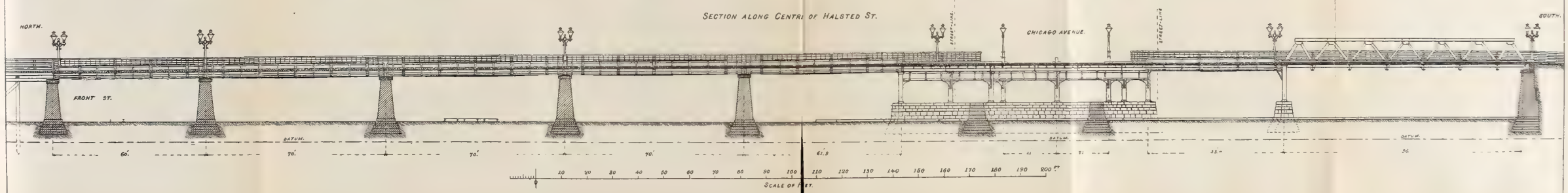
DE WITT C. CREGIER, COMR. PUB. WORKS.

S. G. ARTINGSTALL, CITY ENGINEER.

THE PITTSBURGH BRIDGE CO., CONTR. FOR SUPERSTRUCTURE.

JOHN DUFFY & SONS, CONTR. FOR SUBSTRUCTURE.

FRANCIS MURPHY, ASSISTANT ENGR.



Section along Centre of Halsted St.

THE
JOHN CRERAR
LIBRARY.

Amount brought forward	$ 270,421 08
For changes in water mains and connections and sewers	7,942 89
" engineering inspection and incidental expenses	6,970 44
Total	$285,334 41

Of this amount the C. & N. W. R. R. paid for that portion of the work over their tracks and grounds, the sum of $135,696.91, and the City the sum of $149,637.50.

The sub-structure and approaches were built by John Duffy & Sons, and the superstructure by the Pittsburgh Bridge Co. The raising of the river bridge and work in connection, was done by the Chicago Dredging and Dock Co.

The work was executed from the designs and under the immediate supervision of this department.

ERIE ST. VIADUCT.

This viaduct during the past year showed such signs of weakness that we considered it unsafe for public use and closed it by barricades.

The City Council then appropriated sufficient money to rebuild it; and plans and drawings were accordingly prepared for a new structure.

The changes and repairs on masonry piers have been completed by our own workmen. The contract for the viaduct has been awarded to Ed. Hemberle for the sum of $37,438.00.

The work is now in progress and will probably be completed by the first of April, 1885.

The viaduct will have one roadway with wrought-iron Warren girders fixed 22 feet from center to center and two sidewalks, each 8 feet wide, making the structure 38 feet wide over all.

Commencing at the West, there will be one span 150 ft. 4 in. long, one span 151 ft. long, one span 119 ft. long, one plate girder span 38½ feet long; all the spans will be askew. Although there are several rivetted girder bridges in the city, this will be the largest and most important one of the kind and it will be interesting to note the advantages or disadvantages of this method of construction.

The roadway and sidewalks are covered same as described for Centre Ave. Viaduct.

The cost of the whole work will be about $45,000.00.

The bridge on the river at this point will be thoroughly repaired and the abutment wall at the east end of the bridge which was in danger of falling, has been taken down and is now being rebuilt.

BUILDINGS FOR FIRE DEP'T.

During the past year we have designed and have had charge of the erection of two houses for the Fire Dep't of the City, one on Curtis St. near Washington Boul'd, the other on North Halsted St. near Vedder Street. The contract was awarded to Mr. D. H. Hayes for both houses for the sum of $18,084.00.

Permit me to acknowledge my obligations for the courtesy and co-operation of the Commissioner and other officials of the Department, in all matters under the charge of this office, and to the efficiency and faithfulness of Assistant Engineers, Messrs. Francis Murphy, Wm. R. Northway, Wm. D. Hotchkiss, the draughtsman, Wm. S. Chase, and to the foremen and inspectors in charge of the different branches, and the other gentlemen directly connected with the City Engineer's office.

SAMUEL G. ARTINGSTALL,

City Engineer.

SEWERAGE DEPARTMENT.

CHICAGO, JANUARY 1, 1885.

DEWITT C. CREGIER, ESQ.,

Commissioner Public Works.

DEAR SIR: I herewith submit the Ninth Annual Report of the Bureau of Sewers, showing the amount of money expended, and work accomplished in extending the general system during the year 1884, together with the usual table of repairs and cleaning, and house drains laid during the same period.

The amount expended for the construction of new Sewers and Catch Basins during the year 1884, is as follows:

Sewers South Division	$ 48,862 72	
" West "	186,653 66	
" North "	22,504 53	
		$258,020 91
Miscellaneous Credits.		15,872 20
Total		273,893 11

This amount is distributed as follows:

Constructing 751 new catch basins	34,591 75	

NEW SEWERS BUILT AND COST OF SAME.

Length in Feet.	Diam. in Feet.	Av'ge Depth of trench in Ft.	Average Cost per Foot.	TOTAL.	
35,563	1.0	7.1	$ 0 98	$34,888 37	
17,594	1.¼	7.2	1 07	18,825 58	
5,798	1.½	8.1	1 50	8,697 00	
13,300	2.0	8.4	1 71	22,743 00	
4,733	2.½	9.6	2 22	10,507 26	
2,329	3.0	10.1	3 66	8,524 14	
1,993	3.½	8.5	3 22	6,417 46	
3,355	4.0	11.2	4 25	14,258 75	
3,029	4.½	10.6	4 34	13,145 86	
2,656	5.½	9.2	5 11	13,572 16	
7,355	6.0	10.7	5 56	40,887 80	
3,842	9.0	12.8	12 19	46,833 98	239,301 36
Total cost..... ...					$273,893 11

TOTAL COST FOR THE CONSTRUCTION OF SEWERS AND CATCH BASINS AND CLEANING SAME, SINCE THE ESTABLISHMENT OF THE SEWERAGE SYSTEM IN 1855, TO JANUARY 1, 1885.

YEAR.	Lineal Feet of Sewers Built.	No. of Catch Basins Built.	No. of Man Holes Built.	No of House Drains put in.	Cost of Cleaning Sewers and Catch Basins.	Cost of Constructing Sewers.
Previous to 1861	283,586	1,174	2,102	2,194	$ 5,619 48	$ 665,188 46
1861	2,826	18	33	243	1,715 60	3,617 31
1862	15,676	72	66	365	2,981 80	57,036 42
1863	39,605	192	204	536	6,987 59	169,527 38
1864	25,021	189	183	512	9,417 81	87,221 48
1865	29,948	223	168	1,288	13,840 57	137,643 02
1866	48,127	327	271	3,722	28,807 91	225,564 53
1867	89,681	418	555	3,703	26,709 04	416,730 51
1868	47,841	480	293	3,261	27,004 06	197,152 92
1869	139,705	771	928	3,979	26,015 68	654,141 26
1870	78,166	626	468	5,187	21,464 30	258,664 70
1871	50,716	277	357	3,093	17,415 46	153,295 36
1872	47,342	245	341	1,435	21,484 16	173,255 76
1873	146,702	897	1,015	4,691	31,229 27	450,222 90
1874	222,322	1,054	1,474	6,292	36,929 57	587,507 38
1875	120,971	958	789	3,365	32,098 23	342,932 89
1876	15,248	155	75	1,172	29,345 41	79,545 28
1877	64,666	363	431	1,822	35,763 33	291,829 63
1878	88,031	492	603	1,544	25,704 37	37,264 97
1879	145,381	820	1,043	2,953	32,548 88	130,840 50
1880	79,128	271	554	4,196	25,561 48	92,544 08
1881	132,076	548	917	4,810	34,748 53	452,310 06
1882	98,515	792	725	5,677	33,881 47	224,450 16
1883	75,364	835	497	5,963	34,735 36	232,084 33
1884	101,547	751	654	5,957	43,618 93	258,020 91
Total	† 2,188,191	12,948	* 14,746	77,960	$ 611,503 02	$6,378,592 20

*During the year 18 of this number were abandoned, leaving total in place Dec. 31, 1884, 14,728. †Of this amount 3,932 feet were taken up and replaced by larger sewers, leaving the total number of feet of sewers in place December 31, 1884, 2,185,259.

LENGTH AND DIAMETER OF SEWERS IN PLACE DECEMBER 31, 1884, IN THE THREE DIVISIONS.

DIAMETER.	SOUTH DIVISION.		WEST DIVISION.		NORTH DIVISION.		TOTAL THREE DIVISIONS.		
In Feet.	Built Previous to 1884.	Built in 1884.	Built Previous to 1884.	Built in 1884.	Built Previous to 1884.	Built in 1884.	Built. Prev. to 1884.	Built in 1884.	Total in place Dec. 31. 1884.
9			9,628	3,842			9,628	3,842	13,470
8			2,493				2,493		2,493
7			1,462				1,462		1,462
6½	2,132		1,380				3,512		3,512
6	3,994	2,677	7,982	4,678	4,054		16,030	7,355	23,385
5½			6,855	2,656			6,855	2,656	9,511
5	12,257		46,857		13,885		72,999		72,999
4½	7,028	365	61,211	2,664	8,333		76,572	3,029	79,601
4	11,327		74,940	3,355	11,918		98,185	3,355	101,540
3½	4,201		31,666	1,993	3,759		39,626	1,993	41,619
3¼			665				665		665
3	35,447		35,648	2,329	12,355		83,450	2,329	85,779
2½	80,317	711	26,975	4,022	30,903		138,195	4,733	142,928
2¼	6,359						6,359		6,359
2	145,217	4,499	307,152	6,671	122,636	2,130	575,005	13,300	588,305
20 inch	1,625						1,625		1,625
18 "	16,332	1,876	15,484	1.296	3,179	2,626	34,995	5,798	40,793
15 "	25,251	4,002	96,857	10,819	17,089	2,773	139,197	17,594	156,791
12 "	224,752	7,947	388,137	24,883	163,970	2,733	776,859	35,563	812,422
Total	576,239	22,077	1,115,392	69,208	392,081	10,262	2,083,712	101,547	2,185,259
	598,316= 27.38 per cent.		1,184,600= 54.21 per cent.		402,343= 18.41 per cent.		Miles. 394,642=	19,232 Miles.	413,874 Miles.

Of the above 413,874 miles, 222,340 miles are constructed of brick, and 191,534 miles are of vitrified clay pipe.

TOTAL NUMBER OF CATCH-BASINS AND MAN-HOLES IN PLACE DECEMBER 31, 1884.

	Constructed During the Year 1884.			Total.	Total Built Previous to Dec. 31, 1883.	Total in place Dec. 31, 1884.	Ave. Cost in 1884.
Division.	South.	West.	North.				
Catch-Basins	183	445	123	751	12,197	12,948	$46 20
Man-holes	168	406	80	654	14,074	14,728	----------

LENGTH AND INTERIOR DIAMETER OF PUBLIC SEWERS IN PLACE DECEMBER 31, 1884, IN THE DIFFERENT WARDS OF THE CITY.

WARDS.	9 Feet.	8 Feet.	7 Feet.	6½ Feet.	6 Feet.	5½ Feet.	5 Feet.	4½ Feet.	4 Feet.	3½ Feet.	3¼ Feet.	3 Feet.	2½ Feet.	2¼ Feet.	2 Feet.	20 Ins.	18 Ins.	15 Ins.	12 Ins.	
First	-----	-----	-----	-----	-----	-----	-----	-----	1,926	-----	-----	8,470	12,960	4,286	13,135	-----	-----	1,870	46,862	89,509
Second	-----	-----	-----	-----	-----	-----	494	-----	-----	-----	-----	5,260	6,965	2,073	11,036	-----	-----	-----	28,974	54,802
Third	-----	-----	-----	-----	1,480	-----	4,008	-----	656	-----	-----	1,485	16,095	-----	20,340	-----	619	864	29,915	75,462
Fourth	-----	-----	-----	-----	704	-----	1,058	1,261	1,745	916	-----	4,685	30,547	-----	43,468	-----	5,853	7,867	56,403	154,507
Fifth	-----	-----	-----	2,132	4,487	-----	6,697	6,132	7,000	3,285	-----	15,547	14,461	-----	61,737	1,625	11,736	18,652	70,545	224,036
Sixth	9,628	2,493	1,462	1,380	5,666	4,114	3,303	12,105	15,558	6,686	-----	3,193	6,508	-----	28,398	-----	-----	24,724	51,853	177,071
Seventh	-----	-----	-----	-----	2,642	-----	5,845	1,919	10,443	7,682	-----	9,461	3,220	-----	29,195	-----	667	17,945	48,593	137,612
Eighth	-----	-----	-----	-----	-----	-----	9,305	10,675	6,320	-----	-----	1,175	630	-----	37,445	-----	-----	810	39,111	105,471
Ninth	-----	-----	-----	-----	-----	-----	9,027	4,198	-----	-----	-----	-----	-----	-----	24,475	-----	-----	-----	26,237	63,937
Tenth	-----	-----	-----	-----	1,296	-----	6,648	3,911	5,060	-----	-----	-----	-----	-----	28,810	-----	-----	-----	17,554	63,279
Eleventh	-----	-----	-----	-----	-----	-----	-----	19,019	3,684	-----	-----	705	630	-----	31,428	-----	999	2,277	39,766	98,508
Twelfth	-----	-----	-----	-----	50	2,656	-----	2,664	15,920	12,133	-----	11,796	11,057	-----	50,776	-----	8,995	26,100	70,687	212,834
Thirteenth	-----	-----	-----	-----	-----	-----	-----	-----	11,650	5,855	332	5,386	3,118	-----	21,802	-----	1,483	7,530	47,902	105,058
Fourteenth	3,842	-----	-----	-----	3,006	2,741	12,729	9,384	9,660	1,303	333	6,261	5,834	-----	61,494	-----	4,636	28,290	71,317	220,830
Fifteenth	-----	-----	-----	-----	-----	-----	-----	4,485	5,510	3,759	-----	3,508	16,670	-----	34,803	-----	4,515	16,019	65,596	154,865
Sixteenth	-----	-----	-----	-----	-----	-----	2,765	1,233	660	-----	-----	2,354	9,029	-----	24,164	-----	1,290	355	33,673	75,523
Seventeenth	-----	-----	-----	-----	358	-----	5,583	-----	252	-----	-----	1,962	3,763	-----	22,758	-----	-----	846	29,133	64,655
Eighteenth	-----	-----	-----	-----	3,696	-----	5,537	2,615	5,496	-----	-----	4,531	1,441	-----	43,041	-----	-----	2,642	38,301	107,300
Totals	13,470	2,493	1,462	3,512	23,385	9,511	72,999	79,601	101,540	41,619	665	85,779	142,928	6,359	588,305	1,625	40,793	156,791	812,422	2185,259

NOTE.—During the year 2,098 feet 12 inch pipe sewer was taken up; 886 in the Fifth Ward, and 1,212 feet in the Fourteenth Ward, the same being replaced by larger sewers.

SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE SOUTH DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Butler street	Thirty-first street	Thirty-second street	623	1½	Pipe.
Dearborn street	Twenty-sixth street	Spring street	161	1¼	Pipe.
Dearborn street	Spring street	Twenty-seventh street	380	1	Pipe.
Douglas Ave.	Ashland Ave.	Long John street	2,677	6	Brick.
Dashiel street	Thirty-eighth street	Thirty-ninth street	624	1¼	Pipe.
Eda street	Wabash Ave.	Westward	251	1	Pipe.
Fox street	Thirty-first street	Springer street	996	2	Brick.
Fox street	Springer street	Thirty-third street	264	1	Pipe.
Graves Place	Thirty-third street	Northward	447	1	Pipe.
Hanover street	Thirty-first street	Thirty-second street	624	1½	Pipe.
Illinois Ave.	Thirty-second street	Thirty-third street	590	1	Pipe.
Keeley street	Archer Ave.	Lyman street	843	1	Pipe.
Lime street	Twenty-seventh street	Archer Ave.	757	1	Pipe.
Laurel street	Thirty-first street	Thirty-second street	666	2	Brick.
Laurel street	Thirty-second street	Springer street	327	1¼	Pipe.
Laurel street	Springer street	Thirty-third street	180	1	Pipe.
McGregor street	Wallace street	Eastward	365	4½	Brick.
Parnell Ave.	Twenty-ninth street	Thirty-first street	1,290	1	Pipe.
Poplar street	Thirty-first street	Northward	579	2	Brick.
Portland Ave.	Douglas Ave.	Thirty-sixth street	711	2½	Brick.
Quinn street	Thirty-first street	Stearns street	1,154	2	Brick.
Rhodes Ave.	N. of Thirty-second street	Thirty-first street	218	1	Pipe.
Twenty-fifth street	La Salle street	Eastward	112	1	Pipe.
Twenty-ninth street	Wallace street	Stewart Ave.	1,239	1	Pipe.
Thirtieth street	Wallace street	Parnell Ave.	331	1¼	Pipe.
Thirty-second street	Halsted street	Illinois Ave.	228	1¼	Pipe.
Thirty-second street	Cottage Grove Ave.	Alley West of Rhodes Ave.	463	1	Pipe.
Thirty-third street	Auburn street	Halsted street	525	1¼	Pipe.
Thirty-sixth street	Michigan Ave.	Indiana Ave.	408	1	Pipe.
Wabash Ave.	Thirty-seventh Place	100 ft. S. of Thirty-eighth street	441	2	Brick.

SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE SOUTH DIVISION.—CONTINUED.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Wabash Ave.	South of Thirth-eighth street	Thirty-ninth street	517	1¼	Pipe.
Wentworth Ave.	Thirty-third street	Thirty-fourth street	636	1¼	Pipe.
Wentworth Ave.	Thirty-fourth street	Douglas Ave.	663	2	Brick.
Wentworth Ave.	Thirty-seventh street	Thirty-eighth street	629	1½	Pipe.
Wentworth Ave.	Thirty-eighth street	Thirty-ninth street	653	1¼	Pipe.

SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE WEST DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Alley Way (N. of Rand. st.)	Elizabeth street	Eastward	192	1	Pipe.
" " (W. of Walker ct.)	Eighteenth street	Northward	110	1	Pipe.
Ashland Ave.	Bloomingdale Road	Clybourn Place	654	1¼	Pipe.
Ashland Ave.	Bloomingdale Road	Southward	140	1	Pipe.
Ashland street	Robey street	Cypress street	595	1¼	Pipe.
Armitage Ave.	Canal Place	Hoyne Ave.	3,842	9	Brick.
Cypress street	Ashland street	Southward	225	1	Pipe.
Curtis street	312 ft. E. of May street	Southward	267	1	Pipe.
Curtis street	Erie street	Huron street	400	1¼	Pipe.
Crenshaw street	Western Ave.	Idaho street	333	2	Brick.
Campbell Ave.	Harrison street	Polk street	1,000	1	Pipe.
Commercial street	Waubansia Ave.	Bloomingdale Road	622	1¼	Pipe.
Clybourn Place	W. of Coventry street	Paulina street	800	2	Brick.
Courtland street	Oakley Ave.	Wilmot street	50	1¼	Pipe.
Central Park Ave.	Ogden Ave.	Twenty-second street	1,118	4	Brick.
Central Park Ave.	Twenty-second street	Twenty-fourth street	1,328	2½	Brick.
Colorado Ave.	Monroe street	Southwest	142	1¼	Pipe.
Dale Place	Twenty-second street	Southward	360	1	Pipe.
Dana street	Division street	Hirsch street	1,331	2	Brick.
Dana street	Hirsch street	Thompson street	661	1¼	Pipe.

Dana street	Thompson street	North Ave.	525	1	Pipe.
Dix street	Chicago Ave.	Northward	290	1	Pipe.
Dickson street	Blackhawk street	Blanche street	637	1	Pipe.
Emmerson Ave.	Leavitt street	Eastward	138	1	Pipe.
Erie street	Milwaukee Ave.	Eastward	150	3	Brick.
Eighteenth street	Throop street	Allport street	270	1	Pipe.
Eighteenth street	Robey street	Hoyne Ave.	700	1¼	Pipe.
Eighteenth Place	Morgan street	Brown street	450	1	Pipe.
Evergreen street	Leavitt street	Eastward	134	1	Pipe.
Fairfield Ave.	Fulton street	Northward	400	1	Pipe.
Ferdinand street	Armour street	Noble street	884	1	Pipe.
Fisk street	Sixteenth street	Eighteenth street	625	1	Pipe.
Front street	Sangamon street	Lessing street	288	1	Pipe.
Genesee Ave.	Twenty-second street	Twenty-fourth street	1,325	2½	Brick.
Genesee Ave.	Twenty-fourth street	Twenty-sixth street	1,323	2	Brick.
Harrison street	Robey street	Winchester Ave.	278	1	Pipe.
Harrison street	Cicero Court	Rockwell street	106	1	Pipe.
Hinman street	Robey street	Lincoln street	637	1	Pipe.
Hoyne Ave.	Evergreen street	Bryson street	435	1½	Pipe.
Idaho street	Crenshaw street	Northward	319	1	Pipe.
Idaho street	Van Buren street	Harrison street	800	1	Pipe.
Johnson street	Nineteenth Place	Twentieth street	225	1¼	Pipe.
Kedzie Ave.	Twenty-first street	Twelfth street	4,678	6	Brick.
Kedzie Ave.	Twelfth street	Harrison street	2,656	5½	Brick.
Kedzie Ave.	Harrison street	Madison street	2,664	4½	Brick.
Kedzie Ave.	Madison street	Lake street	1,234	4	Brick.
Kedzie Ave.	Lake street	Fulton street	763	3	Brick.
Kedzie Ave.	Fulton street	Kinzie street	552	2½	Brick.
Kedzie Ave.	12 feet South of Kinzie street	13 feet North of Kinzie street	125	1½	Pipe.
Laflin street	Congress street	Harrison street	360	1	Pipe.
Lexington street	Campbell Ave.	Railroad	630	1	Pipe.
Leavitt street	Lake street	Park Ave.	230	1	Pipe.
Leavitt street	Indiana street	Emerson Ave.	227	1¼	Pipe.
Leavitt street	Emerson Ave.	Ohio street	235	1	Pipe.
Leavitt street	Bryson street	Fowler street	736	1½	Pipe.

SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE WEST DIVISION.—CONTINUED.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Leavitt street	Fowler street	Ewing Place	812	1¼	Pipe.
Leavitt street	Ewing Place	North Ave.	399	1	Pipe.
Leavitt street	Milwaukee Ave.	Greenwich street	660	2	Brick.
Leavitt street	Greenwich street	Courtland street	280	1¼	Pipe.
Lincoln street	Polk street	Northward	568	1	Pipe.
Luce street	Blackhawk street	Northward	435	1	Pipe.
Mautene court	end of old work	Southward	100	1	Pipe.
Monroe street	Sacramento street	Eastward	243	1	Pipe.
Myrtle street	Ashland street	Northward	325	1	Pipe.
Nineteenth street	Robey street	Hoyne Ave.	700	1¼	Pipe.
Nineteenth Place	Johnson street	Brown street	450	1	Pipe.
Oakley Ave.	Milwaukee Ave.	Courtland street	438	2	Brick.
Ogden Ave.	Madison street	Ashland Ave.	236	1	Pipe.
Ogden Ave.	Monroe street	Adams street	520	1	Pipe.
Ogden Ave.	Leavitt street	Twelfth street	1,020	1¼	Pipe.
Polk street	Robey street	Lincoln street	654	1¼	Pipe.
Polk street	Leavitt street	De Kalb street	414	1	Pipe.
Robey street	Polk street	Ogden Ave.	460	1	Pipe.
Robey street	Polk street	Taylor street	862	2	Brick.
Robey street	Taylor street	Twelfth street	817	2½	Brick.
Robey street	Twelfth street	Fourteenth street	1,416	3	Brick.
Robey street	Fourteenth street	Eighteenth street	1,993	3½	Brick.
Robey street	Eighteenth street	Twentieth street	1,003	4	Brick.
Seymour street	Division street	Thomas street	661	2	Brick.
Seventeenth street	East of Centre Ave.	Eastward	225	1	Pipe.
Sheldon street	Randolph street	Lake street	380	1	Pipe.
Shober street	North Ave.	Northward	668	1	Pipe.
Sibley street	Taylor street	Arthington street	302	1¼	Pipe.
Stine street	Redfield street	Northward	260	1	Pipe.
Twelfth street	Western Ave.	Eastward	500	1	Pipe.

Thirteenth street	Robey street	Westward	512	1	Pipe.
Thirteenth Place	Robey street	Hoyne Ave.	700	1¼	Pipe.
Twentieth street	Robey street	Hoyne Ave.	638	1	Pipe.
Twentieth street	Western Ave.	Oakley Ave	633	1	Pipe.
Twentieth street	Throop street	Loomis street	670	1	Pipe.
Twenty-second street	Paulina street	Eastward	520	1	Pipe.
VanBuren street	Washtenaw Ave.	Railroad	575	1¼	Pipe.
VanHorn street	Ashland Ave.	Laflin street	650	1	Pipe.
VanHorn street	Robey street	Hoyne Ave.	702	1¼	Pipe.
Vernon Park Ave.	Sibley street	Centre Ave.	886	1	Pipe.
Warren Ave.	Ashland Ave.	Ogden Ave.	450	1	Pipe.
Walker Court	Eighteenth street	Northward	300	1	Pipe.
Wilmot street	Leavitt street	Courtland street	830	1	Pipe.
Winchester Ave.	Congress street	Southward	166	1	Pipe.
Wilcox street	Washtenaw Ave.	Railroad	575	1¼	Pipe.
Zion Place	Throop street	Loomis street	668	1	Pipe.

SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE NORTH DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Banks street	Astor street	Lake Shore Drive	455	1½	Pipe.
Belden Ave.	Halsted stret	Bissell street	953	1¼	Pipe.
Dearborn Ave.	Delaware Place	Northward	136	1	Pipe.
Dearborn Ave.	Walton Place	Oak street	240	1	Pipe.
Fremont street	Belden Ave.	Fullerton Ave.	650	2	Brick.
Fullerton Ave.	the River	Eastward	950	1½	Pipe.
Fullerton Ave.	950 feet East of the River	Ashland Ave.	670	1¼	Pipe.
Fullerton Ave.	Ashland Ave.	Cooper street	320	1	Pipe.
Garfield Ave.	Racine Ave.	Jay street	313	1¼	Pipe.
Garfield Ave.	Jay street	Osgood street	664	1	Pipe.
Garfield Ave.	Osgood street	Sheffield Ave.	325	1¼	Pipe.
Garfield Ave.	Sheffield street	Bissell street	310	1	Pipe.
Goethe street	Astor street	Lake Shore drive	420	1½	Pipe.
Illinois street	St. Clair street	Seneca street	390	2	Brick.
Jay street	Garfield Ave.	North and south	371	1	Pipe.
Ontario street	St. Clair street	Boulevard	664	2	Brick.
Scott street	Astor street	Lake Shore drive	415	1½	Pipe.
Southport Ave	Clybourn place	Lawrence street	426	2	Brick.
Southport Ave	Lawrence street	Hawthorne Ave.	386	1½	Pipe.
Stone street	Division street	Goethe street	650	1	Pipe.
Ward street	N. of Belden Ave.	Fullerton Ave.	512	1¼	Pipe.

WING SEWERS CONSTRUCTED DURING THE YEAR 1884, IN THE SOUTH DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
College place	M. H. in Cottage Grove avenue	Westward	42	1	Pipe.
Eda street	M. H. in Wabash avenue	East and West	108	1	Pipe.
Thirty-first street	M. H. in Cottage Grove avenue	Eastward	37	1	Pipe.
Thirty-second street	M. H. in Rhodes avenue	East and West	82	1	Pipe.
Thirty-fourth street	M. H. in Rhodes avenue	Westward	42	1	Pipe.
Thirty-fourth street	M. H. in Vernon avenue	East and West	82	1	Pipe.
Thirty-sixth street	M. H. in Wabash avenue	East and West	112	1	Pipe.

WING SEWERS CONSTRUCTED DURING THE YEAR 1884, IN THE WEST DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Ada street	M. H. in Erie street	Southward	41	1′	Pipe.
Albert street	M. H. in Eighteenth street	Southward	46	1′	Pipe.
Armour street	M. H. in Erie street	Southward	39	1′	Pipe.
Al'y-w'y (1 st. n. of Jackson	M. H. in Throop street	East and west	72	1	Pipe.
" " (1 st. s. of Jackson)	M. H. in Throop street	Westward	34	1	Pipe.
" " (1 st. s. of V. Bur'n)	M. H. in Throop street	East and west	76	1	Pipe.
Bickerdike street	M. H. in Erie street	Southward	38	1	Pipe.
Boon street	M. H. in Leavitt street	Eastward	41	1	Pipe.
Bryson street	M. H. in Lincoln street	Westward	39	1	Pipe.
Cicero Court	M. H. in Harrison street	Northward	46	1	Pipe.
Dudley street	M. H. in North avenue	Northward	41	2	Brick.
Edgar street	M. H. in North avenue	Northward	41	2	Brick.
Elk Grove street	M. H. in North avenue	Northward	41	2	Brick.
Ellen street	M. H. in Lincoln street	Westward	47	1	Pipe.
Elizabeth street	M. H. in Erie street	Southward	44	1	Pipe.
Fisk street	M. H. in Eighteenth street	Northward	46	1	Pipe.
Fisk street	M. H. in Twenty-second street	Southward	37	1¼	Pipe.

WING SEWERS CONSTRUCTED DURING THE YEAR 1884 IN THE WEST DIVISION.—CONTINUED.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Flournoy street	M. H. in Leavitt street	Westward	46	1	Pipe.
Fleetwood street	M. H. in North avenue	North and South	90	1¼	Pipe.
Girard street	M. H. in North avenue	Northward	41	2	Brick.
Gurley street	M. H. in May street	Westward	46	1	Pipe.
Iowa street	M. H. in Lincoln street	Westward	39	1	Pipe.
Laflin street	M. H. in Twenty-second street	Southward	37	2	Brick.
Lincoln street	M. H. in Kinzie street	Northward	21	2	Brick.
Lytle street	M. H. in McAllister place	Southward	40	1	Pipe.
Newberry street	M. H. in Eighteenth street	Northward	48	1	Pipe.
Oakley avenue	M. H. in Van Buren street	Northward	38	1	Pipe.
Polk street	M. H. in Leavitt street	Eastward	41	1	Pipe.
Rebecca street	M. H. in Ashland avenue	Eastward	53	1	Pipe.
Robey street	M. H. in Ogden avenue	Southward	56	1	Pipe.
Samuel street	M. H. in Division street	Southward	52	1¼	Pipe.
Sibley street	M. H. in McAllister place	Northward	40	1	Pipe.
Sibley street	M. H. in McAllister place	Southward	44	1¼	Pipe.
Superior street	M. H. in Green street	Westward	36	1	Pipe.
Thomas street	M. H. in Lincoln street	East and West	74	1	Pipe.
Union place	M. H. in Harrison street	Northward	38	1	Pipe.
Wood street	M. H. in North avenue	Northward	41	2	Brick.

WING SEWERS CONSTRUCTED DURING THE YEAR 1884, IN THE NORTH DIVISION.

IN	FROM	TO	Length in feet.	Diameter in feet.	Material.
Clybourn avenue	M. H. in Fullerton avenue	Southeast	16	1	Pipe.
Chester street	M. H. in Fullerton avenue	Southward	26	1	Pipe.
North Branch street	M. H. in Halsted street	Northwest	43	1	Pipe.

SEWERAGE STATISTICS FOR THE YEAR ENDING DECEMBER 31, 1884.

WARDS.		Area in Acres.	Estimated Population.	Lineal Feet of Sewers.	Miles of Streets.	Lineal Feet of Sewers per Capita.	Lineal Feet of Sewers per Acre.	Lineal Feet of Sewers per Miles of Streets.	Deaths from Zymotic Diseases.	Deaths per 1,000 from Zymotic Diseases.	Deaths in 1884.	Deaths per 1,000.
SOUTH DIV.	1	477	12,364	89,509	17.03	7.23	187.65	5,255.9	16	1.24	91	7.36
	2	394	17,398	54,802	11.75	3.15	139.09	4,664.0	69	3.96	254	14.60
	3	438	19,865	75,462	14.16	3.79	172.29	5,329.2	65	3.27	265	13.34
	4	1,070	37,167	154,507	32.43	4.15	144.39	4,764.3	133	3.57	426	11.46
	5	2,880	67,172	224,036	82.99	3.33	77.78	2,699.4	462	6.87	1,182	17.59
	6	4,242	57,071	177,071	82.92	3.10	41.74	2,135.4	545	9.55	1,553	27.21
	7	1,524	47,850	137,612	43.27	2.87	89.64	3,182.6	306	6.41	836	17.47
	8	644	43,743	105,471	21.13	4.78	233.64	4,991.5	240	5.48	712	16.27
WEST DIV.	9	289	22,024	63,937	11.32	2.90	221.23	5,648.1	85	3 86	272	12.35
	10	260	19,062	63,279	11.19	3.32	243 37	5,654.9	77	4.04	270	14.16
	11	573	27,603	98,508	18.69	3.57	171.92	5,270.2	97	3.51	336	12.17
	12	2,401	37,546	212,834	67.39	5.67	88.64	3,291.7	145	3.85	479	12.75
	13	1,440	27,124	105,058	42.93	3.87	74.30	2,447.2	144	5.31	421	15.52
	14	3,277	84,635	220,830	91.53	2.61	67.38	2,412.6	701	8.28	1,776	20.98
NORTH DIV.	15	1,109	41,560	154,865	33.23	3.72	139.64	4,660.4	269	6.47	701	16.86
	16	535	31,252	75,523	17.98	2.42	141.16	4,200.4	170	5.43	527	16.86
	17	384	32,502	64,655	12.97	1.98	168.38	4,984.9	190	5.84	495	15.26
	18	561	28,315	107,300	20.71	3.79	191.27	5,181.0	73	2.58	267	9.44
Totals & Avg's.		22,498	654,253	2,185,259	633.62	3.34	97.18	3,448.8	3,787	5.79	10,863	16.60
Deaths in Public Institutions and by Accidents											1,608	
Total Deaths and Average per 1,000											12,471	19.08

SEWERS AND CATCH-BASINS CLEANED IN THE THREE DIVISIONS DURING THE YEAR 1884.

METHODS.	SOUTH DIVISION.		WEST DIVISION.		NORTH DIVISION.		TOTALS.		
	Feet Cleaned.	Cost.	Feet Cleaned.	Cost.	Feet Cleaned.	Cost.	Feet Cleaned.	Cost.	Average Cost per 100 Feet.
Flushing	277,592	$ 1,354 74	196,585	$ 1,238 25	160,305	$ 1,181 67	634,482	$ 3,774 66	$ 0 59
Iron Scraper	115,476	4,278 35	121,904	4,531 82	48,438	1,806 10	285,818	10,616 27	3 71
Wood Scraper	34,050	737 50	215,100	2,610 90	60,100	1,376 10	309,250	4,724 50	1 52
Totals	427,118	$ 6,370 59	533,589	$ 8,380 97	268,843	$ 4,363 87	1,229 550	$19,115 43	$ 1 55
	No. of	Cost.	No of.	Cost.	No of.	Cost.	No of.	Cost.	Average Cost per Basin.
Catch-Basins Cleaned	5,804	$ 7,165 75	6,608	$ 7,623 25	3,708	$ 4,232 79	16,120	$19,021 79	$ 1 12
Total cost of cleaning Sewers and Catch-Basins								$ 38,137 22	

NUMBER OF MAN-HOLES AND CATCH-BASINS RAISED TO GRADE WHERE STREETS WERE IMPROVED, AND THE REPAIRS OF SAME; ALSO THE REPAIRS OF SEWERS, MAN-HOLES AND CATCH-BASIN COVERS DURING THE YEAR 1884.

NO.	DESCRIPTION OF WORK DONE.	CEMENT.	BRICK.	COVERS.		STRAIGHT PIPE IN FEET.				CURVED PIPE IN FEET.			BOXES FEET OF	9 INCH TRAPS.	9 INCH SLANTS IN FEET	6 IN. × 6 IN. JUNCTIONS.	IRON SIDE-WALK COVERS.	GRATES.
				WOOD.	IRON.	6 in.	9 in.	12 in.	15 in.	6 in.	9 in.	12 in.						
1351	Man-Holes raised to grade...	2,379	595,650	1,368	641	....	1096	142	....	....	36	4	3,982	4	4	.....	24	.....
1781	Catch-Basins " " ...																	
19	Man-Holes repaired.....	101	21,000	14	.....	....	154	60	....	....	48	36	.....	8	.....	.....	.....	8
143	Catch-Basins "																	
312	Feet 6 in. Drain repaired.....	4	800	.....	.....	282	....	....	....	28	....	....	.....	.....	.....	2	.....	.....
8	Feet 15 ft. Sewer repaired.....	1	.....	.....	.....	....	....	....	8	....	....	....	.....	.....	.....	.....	.....	.....
438	Feet 2 ft. Sewer repaired.....	25	9,500	.....	.....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	.....
16	Feet 4 ft. Sewer repaired.....	13	3,700	.....	.....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	.....
20	Feet 5 in. Sewer repaired.....	17	3,800	.....	.....	....	....	....	....	....	....	....	.....	.....	.....	.....	.....	.....

	CEMENT.	BRICK.	MAN-HOLE COVERS.	CATCH BA'SN COVERS.	IRON COV'RS.	M. H. & C.B. TOPS.	M. H. & C. B. LIDS.	IRON LIDS.	GRATES.
Man-holes and Catch Basin Covers repaired in the three Divisions of the city.....	66	4,125	77	121	5	562	1,144	38	117

SUMMARY OF RECEIPTS AND EXPENDITURES IN THE HOUSE DRAIN DEPARTMENT DURING THE YEAR 1884.

DIVISIONS.	PERMITS ISSUED.				RECEIPTS.	EXPENDITURES.
	12 Inches.	9 Inches.	6 Inches.	Total.		
West	2	39	1,656	1,697	$8,774 20	
South		39	841	880	4,611 00	
North		21	385	406	2,140 00	
Licenses, etc					123 00	
Special Assessments					15,365 85	
Total	2	99	2,882	2,983	$31,014 09	
Superintendence, Inspection and Office Supplies						$15,411 07
Re-locating Junctions in sewers constructed before the fire						1,020 75
Junctions set in new sewers during the year 1884						5,684 08
Junctions set in old sewers during the year 1884						507 67
Surplus						8,390 52
Total						$31,014 09

NUMBER OF HOUSE-DRAINS PUT IN PLACE UNDER "SPECIAL ASSESSMENT" DURING THE YEAR 1884.

DIVISIONS.	Total Number of Drains.	Total Length in feet.	Total Cost.	Average Cost per Drain.	Av'r'ge Length per Drain.	Average Cost per foot.
West	2,225	63,882	$16,728 83	$ 7 52	$28 71	26c.
South	424	12,541	4,379 39	10 33	29 58	35c.
North	325	7,886	2,758 55	8 49	24 26	35c.
Total and Grand Averages	2,974	84,309	$23,866 77	$ 8 03	$28 35	28c.

During the year just closed, the 6½-foot main sewer in Douglas avenue has been extended from Ashland avenue westward to Long John street. I would respectfully recommend that this sewer be continued from Long John street to Archer avenue, early the coming spring; also, the construction of a three-foot brick sewer in Long John street from Douglas avenue to Archer avenue, and in Archer avenue from its present terminus at Beers street, southwest to the city limits; thus completing the trunk sewers for nearly all the unsewered districts in the southwest section of the Fifth ward.

Kedzie avenue sewer has been completed from Twenty-first street to its northern terminus, at the north line of Kinzie street, this year. This sewer will relieve that section of the city lying west of California avenue, and between Kinzie and Twenty-second streets of storm water, for some years to come, and is designed as the main into which all the sewers lying between Kinzie street on the north, Sacramento avenue on the east, Twenty-second street on the south, and Spaulding avenue, Homan avenue, and Central and Humboldt Park boulevards on the west, are to discharge. This district has an area of about 610 acres.

The 9-foot intercepting sewer in Armitage avenue, has been built from its outlet in "Canal place," at Mendal street, westward to Hoyne avenue, during the past year, and should be extended from year to year as

rapidly as the city's finances will permit,as a large portion of the unsewered section of the fourteenth ward cannot be drained until this sewer is extended, so as to provide outlets for the sub-mains and lateral systems.

Respectfully yours,

O. H. CHENEY,

Superintendent.

STREET DEPARTMENT.

DEPARTMENT OF PUBLIC WORKS;
BUREAU OF STREETS,
CHICAGO, December 31, 1884.

DE WITT C. CREGIER,

Commissioner of Public Works:

SIR:—I have the honor to submit, herewith, the ninth annual report of the Bureau of Streets, for the year ending December 31, 1884. It embraces in detail a review of the work accomplished during the year, to which is added a complete list of streets occupied by railway tracks, operated and controlled by the different horse railway companies.

STREET PAVING.

More progress has been made during the year, in the extension of street improvements, by the department, than in any previous year in its history: 40.06 miles were improved, of which 27.24 was of cedar block, 1 of sheet asphalt, 2.69 of Macadam, .30 of asphalt block, .64 of Medina stone, 2.65 of granite block, .69 of planking, and 4.85 was curbed and filled.

While it is true that the greatest portion of the work done was of cedar blocks, yet some progress has been made in the extension of the granite block pavement. In 1880 a small piece of granite block pavement was laid (by property owners) on the west side of Fifth avenue, commencing on the north line of Adams street and running north 220 feet. It was somewhat of an experiment. The blocks were laid upon a foundation of bank gravel, the interstices being filled with fine screened gravel, this completed the work. No attempt was made to fill the joints with composition or asphaltic cement, as is done to-day. Practically speaking, the first granite block pavement of a permanent character was not laid until two years later, in 1882. The first of these was Monroe street, from State street to Wabash avenue. At the close of the present year, there were 4.03 miles of granite block pavement, all of which has been laid in that portion of the South Division lying north of Van Buren street or, in other words, "the business center." Acting on the theory that the

cedar block pavement as laid will outlast its foundation, the department introduced a new mode of laying cedar blocks upon a Macadam foundation, similar to the foundation used in the laying of the granite block. Twenty-second street between Grove street and Wentworth avenue was paved in this manner. At the close of the year, there were 223.95 miles of streets improved, or 34 per cent. of the whole, of which 170.80 was of wood, 22.31 of Macadam, 4.03 of granite, 4.65 of Medina, 3.61 of asphalt blocks, 2.05 of sheet asphalt, 7.25 of Gravel, and 9.25 of cinders. The following tables show all the streets improved during the year, arranged alphabetically in each division, giving in detail the nature of the improvement and other data in connection therewith:

REPORT OF STREETS IMPROVED IN THE

STREETS.	FROM.	TO	WHEN COMMENCED.	WHEN FINISHED.
*Alley bet. Clark & North Park	Webster avenue		Sept. 10	Sept. 12
Al'y, bt 21 Kinzie, bt. Ohio & Ind	St. Clair street	Pine street	May 7	May 29
Astor street	Division street	Scott street	June 27	June 28
Banks street	State street	Lake Shore Drive	June 18	Aug. 26
Bellevue street	Rush street	Lake Shore Drive	July 3	Sept. 10
Cedar street	Rush street	Lake Shore Drive	June 16	June 27
*North Clark street	Bridge	Viaduct, (east side)	Nov. 15	Nov. 20
Dearborn avenue	Chicago avenue	N. B. North ave.	April 26	July 5
Dearborn avenue	Chicago avenue	N. Water street	June 28	Aug. 2
*Elm street	Clark street	Dearborn avenue	Aug. 12	Aug. 18
Franklin street	Ontario street	Chicago avenue	June 2	June 10
Fullerton ave (S. ½)	Southport avenue	N. Branch Chicago River	Aug. 15	Nov. 6
Grant Place	Clark street	Larrabee street	Aug. 21	Sept. 9
Hobbie street	Crosbie street	Larrabee street	Nov. 10	Dec. 6
Illinois street	Clark street	St. Clair street	June 23	Sept. 16
North Ap'oach to Rush St. Br'ge			July 17	July 19
Kinzie street	Clark street	Rush street	June 10	June 23
La Salle street	N. Water street	Chicago avenue	June 19	July 7
Locust street	La Salle street	Clark street	Dec. 1	Unfinished.
Oak street	Dearborn avenue	Lake Shore Drive	Aug. 1	Sept. 1
Racine avenue	Clybourne avenue	Centre street	July 21	July 24
Richie place	Goethe street	Banks street	Oct. 4	Nov. 15
Superior street	Pine street	Eastern terminus	June 27	Nov. 5
State street	Chicago avenue	Division street	Sept. 1	Sept. 24
Scott street	State street	Lake Shore Drive	Sept. 11	Sept. 24
Schiller street	State street	Lake Shore Drive	Sept. 15	Dec. 12
Stone street	Division street	Goethe street	Dec. 5	Dec. 13
Willow street	Larrabee street	Sheffield avenue	June 14	Sept. 26
*Wells street	Clark street		Nov. 10	Nov. 14

NORTH DIVISION DURING THE YEAR 1884.

CONTRACTORS.	NATURE OF IMPROVEMENT.	SQUARE YARDS.	LINEAL FEET.
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	950.00	450.00
J. B. Smith & Co	Six inch Cedar on 2-inch Hemlock	525.20	301.00
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	931.00	267.00
R. F. Wilson	Macadam	2,965.00	889.50
R. F. Wilson	Macadam	3,689.14	921.78
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	4,197.28	943.15
Daly & Peterson	Granite Blocks	372.63	230.67
Barber Asph'lt P'g Co.	Sheet Asphalt	22,866.06	5,294.00
Olaf Vider	Six inch Cedar on 2-inch Hemlock	14,208.32	2,923.46
	Six inch Cedar on 2-inch Hemlock	769.00	318.50
J. B. Smith & Co	Six inch Cedar on 2-inch Hemlock	5,169.91	1,105.00
J. B. Smith & Co	Six inch Cedar on 2-inch Hemlock	7,354.67	2,925.19
Olaf Vider	Six inch Cedar on 2-inch Hemlock	5,232.38	1,289.00
R. F. Wilson	Curb and Fill		390 00
Olaf Vider	Six inch Cedar on 2-inch Hemlock	8,184.22	1,885.00
	Six inch Cedar on 2-inch Hemlocd	704.00	125.00
J. B. Smith & Co	Six inch Cedar on 2-inch Hemlock	8,970.97	† 1,521 00
J. B. Smith & Co	Six inch Cedar on 2-inch Hemlock	13,299.04	2,652.36
Lyman & Labounte	Six inch Cedar on 2-inch Hemlock	6,438.13	1,396.25
Andrew Jaicks	Six inch Cedar on 2-inch Hemlock	738.05	213.50
Lyman & Labounte	Curb and Fill		285.00
Olaf Vider	Six inch Cedar on 2-inch Hemlock	2,623.88	750.73
J. V. McAdam & Co.	Six inch Cedar on 2-inch Hemlock	7,713.46	2,460.13
Lyman & Labounte	Curb and Fill		564.00
Lyman & Labounte	Curb and Fill		729,00
Lyman & Labounte	Curb and Fill		613.72
R. F. Conway	Curb Wall and Fill		2,582 95
Carden & Crowley	Curb and Fill		449.68
	Total	117,900.14	34,476.50

* Done by private contract.
† Approach 302.35.

Miles, 6.51.

REPORT OF STREETS IMPROVED IN THE

STREETS.	FROM	TO	WHEN COMMENCED.	WHEN FINISHED.
Alley bet. Michigan and Indiana aves.	Twentieth street	Twenty-second st	June 4	June 9
Alley bet. Fifth avenue and Franklin street	Jackson street	VanBuren street.	June 12	June 18
†Alley bet. State and Dearborn streets.	Randolph street	Washington st.	June 4	June 15
Alley bet. Wabash ave. and State street	Madison street	Monroe street	June 8	June 24
Alley bet. State st. and Third ave.	Jackson street	VanBuren street.	Aug. 2	Aug. 8
Alley East of Michigan avenue	Twelfth street	Fourteenth st.	June 26	July 31
Alley bet. Clark street and Pacific ave.	VanBuren street.	Harrison street.	Aug. 18	Aug. 25
Alley bet. Clark street and Fourth ave.	Jackson street	Harrison street.	Nov. 10	Dec. 10
Alley bet. Wabash and Michigan aves.	Harmon court	Fourteenth st.	Oct. 1	Dec. 9
Bryant avenue	Vincennes ave.	Stanton avenue.	Nov. 2, 1883	April 14
*Clark street	Madison street	Jackson street.	May 13	June 7
Clark street	Madison street	Randolph street.	May 13	June 7
Clark street	Randolph street	River	May 19	June 23
Charles place	Fifth avenue	Franklin street.	June 11	July 3
Court place	Clark street	Dearborn street.	July 6	July 15
Congress street	Fifth avenve	Franklin street.	June 9	July 26
Court place	State street	Dearborn street.	Sept. 12	Sept. 20
Curbing around City Hall			Sept. 20	Oct. 4
Cottage Grove avenue	Douglas avenue	Egan avenue	Aug. 15	Oct. 4
Cottage Grove avenue	Thirtieth street	Douglas ave.	Sept. 14	Oct. 16
Couch place	Clark street	State street	Dec. 4	Dec. 31
Dearborn street	Twenty-second st	Twenty-seventh street.	Sept. 5	Oct. 21
Dearborn street	Thirty-third st.	Egan avenue	Oct. 1	Oct. 31
Fifth avenue	Randolph street	River	Aug. 26	Oct. 4
Gano street	Prairie avenue	South Park ave.	Oct. 29	Unfinished.
Jackson street	State street	Michigan avenue	June 21	Aug. 7
Marble place	State street	Dearborn street.	June 9	June 13
Madison street	Clark street	River	June 19	Aug. 13
Marble place	Clark street	Dearborn street.	July 11	July 31
‡Oakwood boulevard	Line of city limits	Lake Shore	Nov. 1	Nov. 8
Pacific avenue	Jackson street	VanBuren street.	Aug. 1	Sept. 30
Quincy street	State street	Dearborn street.	May 19	June 19
Rhodes avenue	University place.	Northern terminus.	July 21	Oct. 18
Ray avenue	Prairie avenue	South Park ave.	Aug. 9	Oct. 13
South Water street	State street	Clark street	June 20	July 19
South approach to Rush Street Bridge			July 29	July 31
Twenty-second street	Wentworth ave.	Grove street	June 15	July 3
Twenty-ninth street	State street	Cottage Grove av	Sept. 20	Oct. 4
Twenty-third street	Indiana avenue	South Park ave.	Sept. 20	Oct. 1
Twenty-ninth street	State street	Wentworth ave.	Oct. 25	Nov. 6
Thirty-second street	South Park ave.	Cottage Grove av	Oct. 20	Unfinished.
Vincennes avenue	Douglas avenue	Egan avenue	Oct. 19, 1883	June 17
Vernon avenue	Thirtieth street	Thirty-first street	May 19	May 23
Vernon avenue	Thirty-first st.	Douglas avenue.	Sept. 15	Unfinished.
Wabash avenue	Madison street	Lake street	April 23	June 17
Wabash avenue	Lake street	River	June 10	Aug. 23
Wabash avenue	Douglas avenue	Thirty-seventh st	July 19	Sept. 24

SOUTH DIVISION DURING THE YEAR 1884.

CONTRACTORS.	NATURE OF IMPROVEMENT.	SQUARE YARDS.	LINEAL FEET.
Hawley & McGinty	Six inch Cedar on two inch Hemlock	1,719.79	800.50
John V. McAdam	Granite Blocks	693.60	398.15
J. Hodgkins	Granite Blocks	301.08	263.64
J. Hodgkins	Granite Blocks	507.93	468.00
John E. McMahon	Medina Stone	480.15	426.72
W. F. Hare	Three inch Oak Plank		1,176.05
John E. McMahon	Medina Stone	550.67	797.00
John E. McMahon	Medina Stone	1,591.03	1,192.84
J. Hodgkins	Granite Blocks	3,400.00	1,499.20
G. W. Wilson	Macadam	2,937.33	881.20
Conway & McAdam	Granite Blocks	4,272.06	1,340.30
Jas. A. Sackley	Granite Blocks	3,818.09	987.10
John E. McMahon	Granite Blocks	3,636.83	957.16
Hawley & McGinty	Six inch Cedar on two inch Hemlock	1,436.10	325.00
John E. McMahon	Medina Stone	627.38	225.00
E. J. McMahon	Six inch Cedar on two inch Hemlock	1,372.51	325.00
John E. McMahon	Granite Blocks	590.31	322.45
Carden & Crowley	Curbing		763.86
Olaf Vider	Six inch Cedar on two inch Hemlock	8,725.85	2,750.00
A. J. McBean & Co	Six inch Cedar on two inch Hemlock	7,829.40	3,180.00
James Conlon	Medina Stone	600.00	325.00
Lyman & LaBounte	Curb and Fill		2,998.00
Lyman & LaBounte	Curbing		3,855.00
Daley & Peterson	Granite Blocks	3,562.68	958.00
Jno. V. McAdam & Co	Macadam	2,271.11	817.60
R. F. Conway	Granite Blocks	3,318.98	716.50
J. Hodgkins	Granite Blocks	697.84	351.53
J. Hodgkins	Granite Blocks	6,988.65	1,882.68
John E. McMahon	Medina Stone	605.93	321.88
J. B. Smith & Co	Six inch Cedar on two inch Hemlock	1,700.26	637.60
John E. McMahon	Granite Blocks	1,678.97	426.50
James A. Sackley	Granite Blocks	1,511.75	351.23
Daly & Peterson	Macadam	7,757.75	1,834.73
Daly & Peterson	Macadam	2,564.56	769.37
Daly & Peterson	Granite Blocks	3,968.64	725.50
J. B. Smith & Co	Six inch Cedar on two inch Hemlock	807.56	137.00
Jno. V. McAdam & Co	Six inch Cedar on Macadam foundation.	7,482.14	1,687.40
J. B. Smith & Co	Six inch Cedar on two inch Hemlock	12,772.29	2,235.64
Olaf Vider	Six inch Cedar on two inch Hemlock	5,184.19	1,027.96
A. J. McBean & Co	Six inch Cedar on two inch Hemlock	5,459.76	1,192.00
Jaicks & Thatcher	Macadam		
G. W. Wilson	Macadam	12,184.49	2,885.80
J. B. Smith & Co	Six inch Cedar on two inch Hemlock	1,307.19	398.85
R. F. Wilson	Macadam		
J. Hodgkins	Granite Blocks	6,486.37	1,170.30
John E. McMahon	Granite Blocks	5,620.65	988.00
Lyman & LaBounte	Asphalt Blocks	8,083.56	1,585.00
	Total	144,168.64	49,458.24

†Except N. 107 feet. Miles, 9.35.

*Except E. ½ bet. Adams and Jackson, opposite Gov't Bldg., which is paved with Medina Stone.

‡Private contract.

REPORT OF STREETS IMPROVED IN

STREETS.	FROM.	TO	WHEN COMMENCED.	WHEN FINISHED.
Alley	N. ½ Block 37 Carpenter's.		June 20	June 28
Alley	Block 1, Magie's & High's		June 21	June 26
Ada street	Washington street	Randolph street	May 24	June 5
Ashland avenue	Twelfth street	Twenty-second st.	Aug. 1	
Ashland avenue	Twenty-second St.	So. Branch Chicago River.	July 22	Aug. 6
Brown street	Twelfth street	Maxwell street	July 9	Nov. 20
Brown street	Taylor street	Twelfth street	Nov. 10	Nov. 20
Congress street	Hoyne avenue	Leavitt street	Oct. 10, 1883	Oct. 1, '84
Clinton street	Carroll street	Kinzie street	May 23	June 5
Congress street	Centre avenue	Loomis street	May 30	June 27
Carpenter street	Washington boul'd.	Milwaukee ave	June 7	Sept. 9
Congress street	Lincoln street	Hoyne avenue	Sept. 2	Unfinished
Division street	Milwaukee avenue	Lincoln street	May 1	June 24
DeKoven street	Jefferson street	Halsted street	June 20	Aug. 2
Desplaines street	Hubbard street	Indiana street	May 15	May 24
Desplaines street	Harrison street	Twelfth street	May 20	July 2
Elston avenue	Milwaukee avenue	933 ft. So. of Division St.	Aug. 14	Sept. 19
Erie street	Milwaukee avenue	River	May 16	June 10
Ewing street	Canal street	Halsted street	June 10	June 19
Eighteenth street	Blue Island ave	Ashland avenue	June 12	Aug. 23
Ewing place	Robey street	Hoyne avenue	July 21	Oct. 3
Evergreen avenue	Leavitt street	Milwaukee ave	July 3	Aug. 6
Eighteenth street	Halsted street	Blue Island ave	Sept. 5	Oct. 14
Emma street	Milwaukee avenue	Ashland avenue	June 15	Aug. 13
Erie street	Ashland avenue	Center avenue	July 28	Aug. 26
Fourteenth street	Blue Island ave	Ashland avenue	May 9	Aug. 2
Fowler street	Evergreen avenue	Leavitt street	May 24	July 17
Fulton street	Robey street	Western avenue	July 21	Aug. 25
Forquer street	Canal street	Halsted street	June 9	Aug. 6
Forquer street	Halsted street	Blue Island ave	Oct. 15	Oct. 24
Green street	Lake street	Fulton street	May 15	May 18
Halsted street	Harrison street	Twelfth street	June 24	July 9
Halsted street	Twelfth street	Fifteenth street	July 3	July 28
Hoyne avenue	Bryson street	North avenue	Aug. 11	Aug. 19
Hubbard street	May street	Ashland avenue	July 24	Oct. 3
Harrison street	Hoyne avenue	Rockwell street	Sept. 5	Unfinished
Harrison street	Ogden avenue	Hoyne avenue	Sept. 9	Unfinished
Halsted Street. (sundry lots)	Canalport avenue	Viaduct	Aug. 18	Aug. 21
Johnston street	Twelfth street	Fourteenth street.	July 1	Dec. 19
Lincoln street	Chicago avenue	Milwaukee ave	April 11	Sept. 29
Leavitt street	Harrison street	Ogden avenue	June 25	Oct. 30
Lake street	Ashland avenue	Western avenue	July 10	Aug. 14
Laflin street	Madison street	Harrison street	July 7	July 29
Le Moyne street	Robey street	Leavitt street	Aug. 14	Aug. 25
Leavitt street	Lake street	Harrison street	Aug. 11	Sept. 18
Macallister place	Center avenue	Loomis street	June 3	June 18
Macallister place	Center avenue	Loomis street	Oct. 14	Oct. 20
May street	Harrison street	Twelfth street	June 27	July 17
Maxwell street	Halsted street	Blue Island ave	June 2	Aug. 25
Morgan street	Twelfth street	Fourteenth street.	July 31	Aug. 13

WEST DIVISION DURING THE YEAR 1884.

CONTRACTORS.	NATURE OF IMPROVEMENT.	SQUARE YARDS.	LINEAL FEET.
J. V. McAdam & Co.	Six inch Cedar on 2-inch Hemlock	504.00	252.00
J. V. McAdam & Co.	Six inch Cedar on 2-inch Hemlock	840.00	413.35
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	1,740.50	385.35
R. F. Conway	Macadam		Unfinished
J. B. Smith & Co.	Three inch Oak plank		2,466.45
R. F. Conway	Curb wall and fill		709.60
James Kinkaid	Curb and fill		795.15
A. Jaicks	Curb and fill		617.60
J. V. McAdam	Six inch Cedar on 2-inch Hemlock	946.60	177.00
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	5,521.90	1,193.50
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	16,574.80	3,696.25
A. Jaicks	Macadam	3,200.00	600.00
Olaf Vider	Six inch Cedar on 2-inch Hemlock	13,975.50	2,118.40
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	4,753.20	1,231.10
Olaf Vider	Six inch Cedar on 2-inch Hemlock	1,348.50	238.00
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	7,261.10	2,276.20
Olaf Vider	Six inch Cedar on 2-inch Hemlock	6,413.60	1,314.20
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	7,193.20	1,347.70
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	6,298.90	2,011.50
R. F. Conway	Six inch Cedar on 2-inch Hemlock	5,501.40	1,232.00
James A. Sackley	Macadam	1,995.66	598.70
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	9,471.30	2,591.00
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	16,349.30	3,634.60
R. F. Conway	Six inch Cedar on 2-inch Hemlock	5,425.00	1,264.70
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	11,067.00	2,525.50
R. F. Conway	Six inch Cedar on 2-inch Hemlock	11,238.60	2,562.30
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	7.108.00	1,967.00
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	11,041.00	2,519.00
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	6,314.40	2,012.40
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	3,617.49	887.50
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	1,438.44	335.00
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	6,783.30	2,479.30
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	5,711.50	1,971.50
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	6,338.80	1,801.90
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	16,623.26	3,008.00
R. F. Conway	Macadam		
A. Jaicks	Macadam		
Olaf Vider	Six inch Cedar on 2-inch Hemlock	1,287.10	388.50
R. F. Conway	Curb wall and fill		1,197.50
James A. Sackley	Macadam	17,127.22	4,056.40
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	7,727.70	1,816.40
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	19,763.10	5,274.50
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	10,087.60	2,278.50
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	4,284.10	1,199.00
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	14,553.30	3,340.20
J. V. McAdam & Co.	Curb and fill		1,313.70
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	5,295.03	1,263.90
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	10,707.70	2,426.80
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	9,886.80	2,191.20
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	5,505.40	1,263.00
	Amount carried forward	330,885.96	81,243.25

REROART OF STREETS IMPROVED IN

STREETS.	FROM.	TO	WHEN COMMENCED.	WHEN FINISHED.
Madison street	Rockwell street	California avenue	Aug. 21	Oct. 23
North avenue	Milwaukee avenue	North Branch of River	June 12	Sept. 27
North avenue	Milwaukee avenue	Western avenue	July 6, '83	June 30
Ogden avenue	Madison street	Twelfth street	June 9	Oct. 11
Page street	Madison street	Lake street	May 1	May 15
Peoria street	Milwaukee avenue	Indiana street	June 1	July 3
Park street	Robey street	Evergreen ave	July 21	Aug. 11
Robey street	North avenue	Bryson street	Sept. 19	Oct. 11
Sheldon street	Randolph street	Lake street	Sept. 9	Oct. 4
Sholto street	Harrison street	Polk street	June 9	June 20
Sholto street	Polk street	Taylor street	Sept. 7	Oct. 29
Throop street	Viaduct	Twenty-second st.	Nov. 22, '83	Mar. 29
Throop street	Viaduct	Twenty-second st.	June 13	July 15
Throop street	Madison street	Harrison street	Aug. 19	Sept. 10
Twelfth street	Canal street	Blue Island ave	July 29	Aug. 23
Twenty-second St.	Brown street	Ashland avenue	Sept. 25	Nov. 18
Van Buren street	Paulina street	Western avenue	July 9	Oct. 13
Willard place	Randolph street	Washington st	June 17	June 20
Wilson street	Canal street	Jefferson street	Sept. 17	Sept. 19

WEST DIVISION DURING THE YEAR 1884.—CONTINUED.

CONTRACTORS.	NATURE OF IMPROVEMENT.	SQUARE YARDS.	LINEAL FEET.
	Amount brough. forward	330,885.96	81,255.35
Olaf Vider	Six inch Cedar on 2-inch Hemlock	4,162.39	12,73.28
J. B. Smith & Co.	Six inch Cedar oe 2-inch Hemlock	24,527.40	5,344.00
Olaf Vider	Curb and fill		5,024.60
J. V. McAdam	Six inch Cedar on 2-inch Hemlock	28,864.88	6,746.35
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	4,929.10	1,108.50
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	2,254 90	492.00
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	3,317.10	945 50
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	6,337.70	1,775.70
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	1,260.82	378.00
John V. McAdam	Six inch Cedar on 2-inch Hemlock	3,162.00	835.00
Olaf Vider	Six inch Cedar on 2-inch Hemlock	3,355.57	797.60
R. F. Conway	Curb wall and fill		2,642.70
E. J. McMahon	Six inch Cedar on 2-inch Hemlock	12,218.90	2,642.70
R. F. Conway	Six inch Cedar on 2-inch Hemlock	10,010.70	2,278.80
A. J. McBean & Co.	Six inch Cedar on 2-inch Hemlock	9,798.10	3,667.10
R. F. Conway	Six inch Cedar on 2-inch Hemlock	23,992.82	4,470 25
A. Jaicks	Six inch Cedar on 2-inch Hemlock	12,302,00	4,299.40
Olaf Vider	Six inch Cedar on 2-inch Hemlock	1,455.00	496.00
J. B. Smith & Co.	Six inch Cedar on 2-inch Hemlock	3,052.50	1.267.20
	Total	463,813.18	127,728.03

Miles, 24.20

SUMMARY OF MILES OF STREETS IMPROVED IN 1884.

PAVEMENT.	North Division.	South Division.	West Division.	Total, Miles.
Cedar	4.07	2.78	20.39	27.24
Sheet Asphalt	1.00	-------	-------	1.00
Macadam	.34	1.36	.99	2.69
Asphalt Blocks	-------	.30	-------	.30
Medina Stone	-------	.64	-------	.64
Granite Blocks	.04	2.61	-------	2.65
Curbing	1.06	1.44	2.35	4.85
Planking	-------	.22	.47	.69
Total miles	6.51	9.35	24.20	40.06

THE FOLLOWING SHOWS THE KIND OF PAVING IN EACH DIVISION OF THE CITY AT THE CLOSE OF THE YEAR:

	Wooden Blocks.	Macadam.	Medina Stone.	Granite Stone.	Asphalt Block.	Sheet Asphalt.	Gravel-ing.	Cinder-ing.	Grand Total, Miles.
North Division	40.35	0.92	0.49	0.04	-------	1.90	0.23	1.26	45.19
South Division	52.65	4.13	3.77	3.99	3.61	0.15	4.38	-------	72.68
West Division	86.72	17.26	0.39	-------	-------	-------	2.64	7.99	115.00
Total	179.72	22.31	4.65	4.03	3.61	2.05	7.25	9.25	232.87
Less Repaving in 1884	8.92	-------	-------	-------	-------	-------	-------	-------	8.92
Total Paving	170.80	22.31	4.65	4.03	3.61	2.05	7.25	9.25	223.95

Recapitulation of total miles of street pavements laid each year from 1855 to 1884 inclusive:

1855	1.72 miles.	1870	19.96 miles.
1856	0.26 "	1871	25.63 "
1857	2.62 "	1872	1.82 "
1858	7.20 "	1873	10.19 "
1859	5.70 "	1874	9.07 "
1860	.... "	1875	11.49 "
1861	0.69 "	1876	10.50 "
1862	2.57 "	1877	12.29 "
1863	2.00 "	1878	11.01 "
1864	2.40 "	1879	6.83 "
1865	2.03 "	1880	16.84 "
1866	8.87 "	1881	24.52 "
1867	11.37 "	1882	24.95 "
1868	5.46 "	1883	22.49 "
1869	18.32 "	1884	34.52 "
		Total	313.32 miles.

Of this total amount $89\frac{37}{100}$ miles has been repaved, which reduces the actual amount of improved streets at this date to $223\frac{95}{100}$ miles.

GENERAL REPAIRS, ETC.

The amount of lumber used by the foreman of each Division during the year is shown by the following table:

FOR WHAT USED.	SOUTH DIVISION.			WEST DIVISION.			NORTH DIVISION.		
		LUMBER.			LUMBER.			LUMBER.	
	No.	No. Feet. PINE.	No. Feet. OAK.	No.	No. Feet. PINE.	No. Feet. OAK.	No.	No. Feet. PINE.	No. Feet. OAK.
Aprons	1288	72,677		1556	194,024		450	21,269	
Crossings	265	35,505	17,391	665	117,106	28,893	170	20,960	3,582
Culverts	101	56,842	6,074	303	95,075	18,333	19	2,068	122
Sidewalk Intersections		17,533	2,514		215,721			31,444	
Sidewalk Special Ass'mt		35,373			87,494			36,220	
General Repairs		102,385	7,784		134,963			13,250	
Steps, Railings, &c		4,918			25,500			5,209	
Total No. Feet		325,233	33,763		868,883	47,226		130,420	3,704

The amount of repaving done by the foreman of each Division during the year is as follows:

FOR WHAT PURPOSE.	SOUTH DIV.	WEST DIV.	NORTH DIV.
	Square Yards.	Square Yards.	Square Yards.
General repairs	14,781	17,126	4,859
Gas Companies	117	36	75
Water Department	2,020	1,406	748
Sewer Department	424	688	----
Street Permits	2,146	5,781	1,307
Total No. Square Yards	19,488	25,037	6,989

The following Streets were planked. The cost of the labor employed in laying the planking was paid for by the Department. All the material used (lumber, nails, etc.,) was furnished by the property owners in the localities mentioned.

Planking Wood Street from Blue Island Avenue, south, 360 lineal feet.

Planking Paulina Street from Blue Island Avenue, south, 1,750 lineal feet.

Planking George Street from N. Sangamon Street to Carpenter Street, 410 lineal feet.

Repairing planking on Throop Street from Twenty-second Street to the River, 1,700 lineal feet.

UNIMPROVED STREETS.

The unimproved streets were graded and ditched and kept in as good condition as it was possible to do,

with the limited amount of money appropriated for that purpose.

STREET CLEANING.

The work of cleaning the improved streets commenced on March 31st, and progressed uninterruptedly until December 11th, when the winter season was ushered in by a snow storm. The Contractors, Messrs. Cooper and Walsh have executed the work to the satisfaction of the Department. The total number of miles of streets cleaned was $2,225\frac{34}{100}$, an increase over the year of 1883 of $210\frac{70}{100}$ miles. The contract price per mile was $37.00, and the total cost of the work amounted to $82,223.76.

In this connection permit me to call your attention to the small amount appropriated for cleaning and repairing streets as compared with ten (10) years ago; in 1873 and 1874, with 609 miles of streets, of which $102\frac{40}{100}$ were improved, the amount appropriated for doing the whole work was $315,000.00. At the commencement of the present year the number of miles of streets had increased to 651, of which $198\frac{50}{100}$ miles were improved, while the mileage of streets has increased seven (7%) per cent. The amount appropriated was but $180,000.00, a decrease of forty-three (43) per cent.

A general review of the work accomplished each month is shown in the following:

MONTH.	SOUTH DIV. No. of Miles.	NORTH DIV. No. of Miles.	WEST DIV. No. of Miles.	TOTAL.
April	89.69	32.74	54.52	176.95
May	128.58	59.41	110.78	298.97
June	131.73	56.82	102.71	291.26
July	139.74	57.29	111.93	308.96
August	158.74	64.49	108.16	331.39
September	146.07	62.77	120.01	328.85
October	108.26	22.74	70.96	201.96
November	94.77	26.46	81.65	202.88
December	50.40	15.78	18.14	84.32
Total miles	1047.98	398.50	778.86	2225.34

Average per month in South Division---125.80 Miles
" " " North " --- 47.84 "
" " " West " --- 93.50 "

General Average per Month---------267.14 "

PERMITS FOR OPENING STREETS.

Nine hundred and ninety-three (993) permits were issued to various parties to open improved streets, sufficient cash being deposited to replace pavement. Nine hundred and ninety permits were issued to Gas Companies for opening improved streets, on which no deposits were made. The work of repairing being done by contractors employed by the companies, sub-

ject to inspection and the acceptance of the Department. A summary is given herewith:

PERMITS ISSUED WHERE CASH DEPOSITS HAVE BEEN MADE.

	No. Issued.		No. Issued.
January	8	July	130
February	19	August	125
March	54	September	83
April	107	October	101
May	109	November	82
June	137	December	38

Number of Permits issued on which deposits have been made	993
Number of Permits issued to Gas Companies	990
Total No. " " on improved streets	1983
Number of Permits issued for opening unimproved streets for various purposes	3402
Grand total	5385
General Average per Month	449

Total amount of cash deposits	$14,403 25
Payments made where costs exceed original deposit	227 15
Amount carried forward	$14,630 40

Amount brought forward		$14,630 40
Retained by City for costs of repaving, etc	$5,200 27	
Amount rebated to depositors	7,710 13	
Amount on deposit at close of the year	1,720 00	
Totals	$14,630 40	$14,630 40

Average Cash Deposit	$ 14 50
Average cost of repaving, etc	5 24

PERMITS FOR OBSTRUCTION OF STREETS.

Seven hundred and fifty-seven (757) Permits were issued to occupy streets for the purpose of depositing building material during the construction of buildings. An average of 63 per month. The number of permits granted each month. The amount deposited and revenue received for use of streets is given in the following statement:

	No. Issued.		No. Issued.
January	4	July	91
February	42	August	85
March	48	September	102
April	55	October	64
May	95	November	43
June	94	December	34
Total			757

Total amount of cash deposits.		$7,661 75
Amount retained for use of street as per Sec. 1104 Municipal Code	$1,721 50	
Amount rebated to depositors	3,642 50	
Amount on deposit at the close of the year	2,297 75	
Totals	$7,661 75	$7,661 75

PARKS.

A new iron fence has been erected around Wicker Park at a cost of $948.87. The bridge in the park has been rebuilt and the sidewalks on the streets fronting the park have been rebuilt and raised to grade. The bridge over the lake in Jefferson Park has been reconstructed, and a new sidewalk constructed on the north side of Vernon Park, (Macalister Place.) In Union Park, the mason work around fountain basin, has been repaired. The road-way over bridge rebuilt, and the bridge seats and out-houses painted. New sidewalks have been laid around Green Bay and Oak Parks in the North Division. Union Square, situated on the southeast corner of Goethe and Astor streets, has been filled to grade; 160 new seats have been built and distributed to the various parks, according to area of space occupied; with the exceptions noted, the work of taking care of the parks has been confined to the ordinary running expenses, which is given in detail in the Book-keeper's Financial Statement.

HOUSE MOVING.

Seven hundred and twenty-six permits were issued to move buildings, covering a total street frontage of 14,069 lineal feet, or an average frontage of $19\frac{38}{100}$ lineal feet. Of this number 701 buildings were of frame and 25 of brick.

A general disposition has been shown by house-movers to comply with the ordinances and the rules and regulations of the Department. Some objections have been made to exacting a fee for permits to move buildings, upon the applicants premises, without going into or upon any street, alley or public ground. Sec. 1109 of the Municipal Code provides that permits shall be obtained in each and every instance, and that the fee for such permit shall be Five Dollars.

This seems unjust, when it is taken into consideration that permits may be obtained to move buildings into and upon the streets, to any given point, without additional cost, and also when house-movers are allowed to raise buildings without obtaining any permit, no provision being made in the Municipal Code in reference to house-raising. Licenses were granted to forty (40) house-movers. A statement in detail of the number of permits granted each month, the amount of revenue received, and other data in connection therewith is shown in the following:

MONTH.	Frame.	Brick.	No. Perm's.	Cash Receipts.	DISTRICTS. North.	South.	West.	HEIGHTS. 1 Story.	2 Story.	3 Story.	FRONTAGE.	Average
January	11	1	12	$ 60 00	....	2	10	12	....	....	234	18.66
February	50	2	52	260 00	8	6	38	16	36	....	1,019	19.86
March	68	6	74	370 00	25	13	36	41	33	....	1,418	19.16
April	89	1	90	450 00	13	16	61	36	51	3	1,811	20.12
May	109	3	112	560 00	18	37	57	46	64	2	2,071	18.49
June	97	2	99	495 00	33	18	48	43	53	3	1,972	19.91
July	67	2	69	345 00	15	16	38	40	28	1	1,315	19.05
August	52	4	56	280 00	8	11	37	34	21	1	1,061	18.94
September	71	1	72	360 00	12	17	43	38	34	....	1,348	18.72
October	48	1	49	245 00	12	10	27	22	25	2	971	19.81
November	29	1	30	150 00	7	2	21	13	14	3	618	20.60
December	8	1	11	55 00	2	2	7	5	4	....	231	21.88
Totals	701	25	726	$3,630 00	153	150	423	346	363	15	14,069	19.38

Total frontage..... 14,069 lineal feet.
Average frontage..... 19 38/100 " "

The cash receipts were distributed in the three Divisions as follows:

North Division	$ 765 00
South Division	750 00
West Division	2,115 00
Total	$3 630 00

STREET LAMPS.

For a report in detail of the work accomplished under this head, your attention is respectfully called to the following report of Supt. Stewart:

CHICAGO, DECEMBER 31ST, 1884.

WILLIAM FOGARTY,

Superintendent of Streets:

DEAR SIR:—I herewith submit my annual report of Street Lamps for the year 1884. At the close of the year there were, including those on Bridges, Viaducts, and Boulevards, 13,693 Gas Lamps and 2,677 Oil Lamps in the City, as follows, to-wit:

GAS LAMPS.

DIVISION.	No. in City, Jan. 1st, 1884.	Number Erected in 1884.	Total.
West	6,554	1,004	7,558
South	3,453	133	3,586
North	2,384	165	2,549
Total	12,391	1,302	13,693

OIL LAMPS.

DIVISION.	No. in City, Jan. 1st, 1884.	Number Erected in 1884.	Total.	Less No. discontinued where Gas Mains have been laid in 1884.	Total.
West.....	1,194	204	1,398	79	1,319
South.....	598	189	787	.....	787
North.....	585	8	593	22	571
Total.....	2,377	401	2,778	101	2,677

The City makes and repairs all lamps for the three divisions of the city, and also replaces broken glass in the West Division. The Chicago Gas Light and Coke Co. replaced the glass in lamps on North and South Divisions, as per contract; the City furnishing the glass.

The contract for oil lamps includes all material necessary, also lighting, extinguishing, cleaning, and keeping in repair.

The total number of lamps glazed, to replace broken glass, was 26,310 or about seventy-two per day; 1,240 boxes of glass were used in new lamps and repairs; in October, of this year, 184 boxes were used. In some sections of the city it is almost impossible to keep lamps in repair. In those months, where a large amount of glass is required, it is mainly caused by boys using sling shots.

The number of old lamps repaired and painted was 543. The whole number of new lamps made was 2,190; of this 1,642 were plain lamps, and 548 sign lamps; 1,302 were placed on new posts erected during the year, and 888 were to replace lamps destroyed; 214 old lamps were returned from Washington Boulevard—the Park Commissioners having replaced them with new globe lamps.

The signs now used have the paint burned into plate glass, so that they are strong and will not get effaced. There are no signs on any of the oil lamps—no provisions being made in the contract for them, and as oil lamps are usually erected on streets where guides are much wanted; this matter ought to have attention.

There are now about 10,533 of the "Stewart Patent" Gas Lamps in use in the city. The frames and sockets of these lamps being of malleable iron. They are more durable than any other lamp, and a great saving to the city.

There are about 2,774 guide lamps in the city. In many of the old style of signs—the letters are worn off—but they are being replaced by new signs as rapidly as possible.

About 170 lamp posts were broken by accidents during the year.

All the gas burners in the city have been changed from three to five feet; the pillar and check of the new

burners are of cast brass, and much stronger than any formerly used.

The glass used during the year was 791 boxes of sides, 202 boxes of doors, and 247 boxes of tops—fifty feet in each box.

The amount of glass used in new lamps for special assessment was 3,906 side lights, 1,302 door lights, and 5,208 top lights.

There were used to glaze new lamps—made to replace old ones—2,664 side lights, 888 door lights, and 3,552 top lights. While replacing glass in lamps on streets, there were used 22,697 side lights, 5,486 door lights, and 7,048 top lights.

Respectfully submitted,

JOHN STEWART,

Supt. of Street Lamps.

SIDEWALKS.

Sidewalks built where walks never previously existed:

DIVISION.	Feet Wood.	MILES.	Feet Stone.	MILES.	Feet Concrete.	MILES.	Total Miles.
South	9,600	1.82	4,212	0.80	840	0.15	2.77
West	125,236	23.72					23.72
North	11,066	2.09					2.09
Total	145,902	27.63	4,212	0.80	840	0.15	28.58

Wood, stone, and concrete walks rebuilt:

DIVISION.	Feet Wood.	MILES.	Feet Stone.	MILES.	Feet Concrete.	MILES.	Total Miles.
South	73,458	13.91	25,155	4.76	1,350	0.26	18.93
West	293,051	55.50	22,999	4.35	1,350	0.26	60.11
North	72,756	13.78	10,118	1.91	4,292	0.82	16.51
Total	439,265	83.19	58,272	11.02	6,992	1.34	95.55

Stone sidewalks were laid on both sides of Prairie Avenue, from Sixteenth Street to Thirty-first Street; also on Ray Avenue, from Prairie Avenue to South Park Avenue. The work was done under contract, and by special assessment.

SIDEWALKS REPAIRED.

DIVISION.	LINEAL FEET.	NO. OF MILES.
South	38,116	7.40
West	119,668	22.70
North	11,713	2.20
Total	169,497	32.30

TABLE SHOWING DIFFERENT WIDTHS, AND MATERIALS OF WALKS BUILT DURING THE YEAR 1884.

MATERIAL.	4 Feet.	6 Feet.	7 Feet.	8 Feet.	10 Feet.	12 Feet.	14 Feet.	16 Feet.	18 Feet.	20 Feet.	24 Feet.	Total Feet.	Total Miles.
Wood	850	560,343	120	27,194	1,778	25,039	123,177	12,898	------	1,572	2,643	755,614	143.10
Stone	------	8,945	2,817	19,427	8,096	6,137	8,904	3,172	2,067	1,675	1,244	62,484	11.85
Concrete	------	1,693	925	1,066	425	------	--------	3,723	------	------	------	7,832	1.48
Total	850	570,981	3,862	47,687	10,299	31,176	132,081	19,793	2,067	3,247	3,887	825,930	156.43

RECAPITULATION.

DIVISION.	Sidewalk built new.	Sidewalk rebuilt.	Sidewalk repaired.	Total work done.
	No. of Miles.	No. of Miles.	No. of Miles.	No. of Miles.
South	2.77	18 93	7.40	29.10
West	23.72	60.11	22.70	106.53
North	2.09	16.51	2.20	20.80
Total	28.58	95.55	32.30	156.43

Total number miles of sidewalks within the corporate limits of the city, under the control of the city authorities, and the South, West, and Lincoln Park Commissioners, respectively. At the close of the year, compared with the year 1883, showing the increase, is given in the following summary:

UNDER CONTROL OF—	MATERIAL—1883.			Total Miles, 1883.	MATERIAL—1884.			Total miles, 1884.	Increase in 1884.
	Wood, Miles.	Stone, Miles.	Concrete, Miles.		Wood, Miles.	Stone, Miles.	Concrete, Miles.		
The City	705.46	47.08	11.18	763.72	720.73	57.56	11.18	789.47	25.75
South Park Comm'rs	------	7.77	-----	7.77	------	7.77	-----	7.77	-----
West Park Comm'rs	------	3.98	-----	3.98	------	6.06	-----	6.06	2.08
Lincoln Park Comm'rs	------	-----	-----	-----	------	0.75	-----	0.75	0.75
Grand total	705.46	58.83	11.18	775.47	720.73	72.14	11.18	804.05	28.58

Respectfully,

WILLIAM FOGARTY,

Supt. of Streets.

HORSE RAILWAYS.

During the year the different companies have laid pavement on the portion of the streets occupied by their tracks, as follows:

CORPORATION.	Boulder Stone. Square Yards.	Granite Block. Square Yards.	Total Square Yards.
Chicago City R'y Co..	.....	31,568	31,568
Chi. West Div. R'y Co.	31,396	2,166	33,562
North Chi. City R'y Co.	26,875	.....	26,875
Totals.....	58,271	33,734	92,005

There was $85\frac{73}{100}$ miles of streets occupied by street railway tracks, at the close of the year. An increase of $7\frac{42}{100}$ miles over the preceeding year.

This is due to the extension of the system of the Chicago City Railway Company, under the ordinance passed by the City Council, May 26th, 1884. Railway tracks were laid on Archer Avenue, from the former terminus of the road to Western Avenue. On Pitney Avenue, from Archer Avenue to Thirty-first Street, thence along Thirty-first Street to Lake Park Avenue; on Ashland avenue, from Archer Avenue to Egan Avenue; on Thirty-fifth Street, from Cottage Grove Avenue to Stanton Avenue, then south on Stanton Avenue to Egan Avenue; also on Hanover Street, from Archer Avenue to Twenty-ninth Street, thence west to Butler Street and south to Thirty-first Street.

Through the courtesies of the different railway companies, I have been enabled to compile a complete review of the streets occupied by railway tracks.

Operated and controlled by the different companies—the distance of each line of cars is shown. The character of pavement laid between rails—and where a street is occupied by single track, it is so noted. The review is given herewith; and will, no doubt, be of value for future reference:

LIST OF STREETS OCCUPIED BY STREET RAILWAY TRACKS—OPERATED AND CONTROLLED BY THE NORTH CHICAGO CITY RAILWAY CO.

ON	FROM	TO	CHARACTER OF PAVEMENT.	LINEAL FEET.	REMARKS.
Clark street	Washington street	Fullerton avenue	1,395 feet running north from Washington, is Granite; balance—Cobble stone and Granite, next the rails.	15,043	Double track
Wells street	Randolph street	Clark street	1½ miles running north from Randolph is Granite Cobble-stone, and Granite next the rails	11,601	Double track
State street	Lake street	Division street	500 feet running north from Lake is Granite. Balance—Cobble stone and Granite.	6,599	Double track
Chicago avenue	Clark street	Larabee street	Medina stone	3,176	Double track
Division street	State street	Clybourn avenue	Cobble stone and Granite, next the rails.	2,957	Double track
Sedgwick street	Chicago avenue	Division street	ditto	2,642	Single track
Sedgwick street	Division street	Centre street	ditto	Except from Center street to Menomonee, ¼-mile Pine Blocks.	5,228	Double track
Larrabee street	Chicago avenue	Webster avenue	ditto	Except from Chicago avenue, ¼-mile north with Pine Blocks.	9,264	Double track
Clybourn avenue	Division street	Fullerton avenue	ditto	11,191	Double track
Lincoln avenue	Centre street	Fullerton avenue	Cobble stone	3,806	Double track
Market street	Chicago avenue	Division street	Cobble stone and Granite next the rails.	2,643	Single track
Webster avenue	Lincoln avenue	Racine avenue	Cobble stone	3,961	Single track
Racine avenue	Clybourn avenue	Fullerton avenue	660 feet of Pine Blocks; balance—Cobble stone.	2,966	Single track
Fullerton avenue	Lincoln avenue	Racine avenue	Cobble stone	2,637	Single track
Garfield avenue	Lincoln avenue	Racine avenue	Cobble stone	4,608	Single track
Centre street	Lincoln avenue	Racine avenue	Cobble stone	5,280	Single track
Centre street	Lincoln avenue	Clark street	Cobble stone	780	Double track
Total lineal feet				94,382	
Total miles				$17\frac{88}{100}$	

LIST OF STREETS OCCUPIED BY RAILWAY TRACKS—OPERATED AND CONTROLLED BY THE CHICAGO CITY RAILWAY CO.

ON	FROM	TO	CHARACTER OF PAVEMENT.	LINEAL FEET.	REMARKS.
Lake street	Wabash avenue	State street	Granite block	450	Single track Cable line.
State street	Lake street	Egan avenue	Granite block	22,460	Cable line
Wabash avenue	Lake street	Twenty-second street	Granite block	11,900	Cable line
Twenty-second street	State street	Indiana avenue	Granite block	1,320	Cable line
Eighteenth street	Wabash avenue	Indiana avenue	Granite block	870	Cable line
Indiana avenue	Eighteenth street	Egan avenue	Wood and Granite block	12,360	Single track
Indiana avenue	Eighteenth street	Egan avenue	Wood and Granite block	3,800	"Turn-outs"
Clark street	Washington street	Twenty-second street	Granite block	10,985	
Archer avenue	State street	Western avenue	Granite, Cobble and Macadam	18,607	
Hanover street	Archer avenue	Twenty-ninth St.	Granite block	4,951	
Twenty-ninth St.	Hanover street	Butler street	Unimproved		
Butler street	Twenty-ninth St.	Thirty-first street	Unimproved		
Ashland avenue	Archer avenue	Thirty-ninth street	Slag	5,290	
Thirty-first street	Lake avenue	Pitney avenue	Granite block, from Halsted to the Lake; balance—Macadam.	14,388	
Pitney avenue	Thirty-first street	Archer avenue	Granite block, from Halsted to the Lake; balance—Macadam.		
Halsted street	River	Egan avenue	Granite block	9,960	
Douglas avenue	Cottage Grove Av.	Stanton avenue	Granite block	3,702	
Stanton avenue	Douglas avenue	Egan avenue	Granite and Dirt		
Egan avenue	Cottage Grove Ave.	Wentworth avenue	Macadam	6,780	Single track
Madison street	State street	Wabash avenue	Granite block	450	Cable line
Wentworth avenue	Archer avenue	Egan avenue	Wood and Macadam	11,070	
Van Buren street	Clark street	Wabash avenue	Granite block	1,280	
Cottage Grove Ave.	Twenty-second street	Egan avenue	Granite block	11,450	Cable line
Total lineal feet				152,073	
Total miles				$28\frac{80}{100}$	

LIST OF STREETS OCCUPIED BY RAILWAY TRACKS—OPERATED AND CONTROLLED BY THE CHICAGO WEST DIVISION RAILWAY CO.

ON	FROM	TO	CHARACTER OF PAVEMENT.	LINEAL FEET.	REMARKS.
Milwaukee avenue	Lake street	Fulton street	Granite block		
Milwaukee avenue	Fulton street	North avenue	Cobble stone	17,343	
Milwaukee avenue	North avenue	Western avenue	Wooden block		
North avenue	Milwaukee avenue	Humbolt park	Cobble stone	5,333	
Chicago avenue	Milwaukee avenue	Wood street	Cobble stone		
Chicago avenue	Wood street	Leavitt street	Macadam	7,300	
Leavitt street	Indiana street	Chicago avenue	Wooden block	1,845	
Indiana street	Milwaukee avenue	Western avenue	Cobble stone	10,665	
Lake street	State street	Bridge	Granite block		
Lake street	Bridge	R. R. Track	Cobble stone	22,746	
Lake street	R. R. Track	Garfield park	Wooden block		
Randolph street	Michigan avenue	Bridge	Granite block		
Randolph street	Bridge	St. John's place	Cobble stone	11,330	
Madison street	State street	Bridge	Granite block		
Madison street	Bridge	California avenue	Cobble stone	22,780	Intersections to Ashland Avenue—Granite.
Madison street	California avenue	Homan avenue	Wooden block		
Madison street	Homan avenue	Crawford avenue	Cobble stone	4,110	
Van Buren street	State street	Bridge	Granite block		
Fifth avenue	Van Buren street	Randolph street	Granite block	21,975	
Van Buren street	Bridge	Western avenue	Cobble stone		
Western avenue	Lake street	Van Buren street	Cobble stone		
Ogden avenue	Madison street	Twelfth street	Cobble stone	7,575	
Ogden avenue	Twelfth street	Douglas park	Wooden block	7,635	
Twelfth street	Canal street	Ashland avenue	Cobble stone		
Twelfth street	Ashland avenue	Ogden avenue	Wooden block	12,190	
Blue Island avenue	Harrison street	Twenty-first street	Cobble stone		
Blue Island avenue	Twenty-first street	Western avenue	Wooden block	15,510	
Halsted street	Indiana street	The South Branch	Cobble stone	16,210	

O'Neil street	Halsted street	West	Wooden block	200	
Clinton street	Fulton street	Harrison street	Cobble stone	4,548	
Clinton street	Harrison street	Twelfth street	Macadam	2,640	Single track
Jefferson street	Van Buren street	Twelfth street	Cobble stone	3,510	Single track
Jefferson street	Twelfth street	Meagher street	Wooden block	2,238	
Canal street	Harrison street	Canalport avenue	Cobble stone	8,490	
Canalport avenue	Canal street	Halsted street	Cobble stone		
Harrison street	Clinton street	Canal street	Cobble stone		
Total lineal feet				206,173	
Total miles				$39\frac{05}{100}$	

RECAPITULATION.

	Miles.
North Chicago City Railway Company	$17\frac{88}{100}$
Chicago City Railway Company	$28\frac{80}{100}$
Chicago West Division Railway Company	$39\frac{05}{100}$
Total mileage	$85\frac{73}{100}$

SPECIAL ASSESSMENT DEPARTMENT.

CHICAGO, December 31, 1884.

HON. DE WITT C. CREGIER,

Commissioner of Public Works:

DEAR SIR:—I submit herewith, in tabular form, a statement of special assessments made in this department during the past year, with a summary of the estimated cost of the same, also, the amount of special assessments made in each year during the past twenty-four years. In making this report, I beg leave to make some few suggestions, which, if acted upon, I am sure will be of benefit, not only to the department, but to the public at large. As you are well aware, for the past three years especially, a much larger number of street improvements have been ordered by the Council than it was possible to carry out, from the fact that the city could not appropriate a sufficient amount for its proportionate share of the cost.

This has arisen from the fact that no action has been taken by the Council until late in the season, when lists of streets to be improved have been presented from

every ward in the city, by the respective aldermen, and also one by a committee designated by Council, consisting of yourself, the fire marshal and the superintendent of streets.

Ordinances for all these improvements have been prepared and passed by Council, and assessments made, before the property owners interested have had any knowledge of the fact, the notices of the assessment, in a majority of cases, being the first notification they have received. This could be easily remedied if the Council would appoint the committee above referred to, say, as early as September, instead of waiting until December, and on presentation of their report, have it referred to the committees of streets and alleys for the three divisions of the city. Then, if the various chairmen would have the lists published in all the daily papers, giving the names of the streets recommended to be improved, with the character of the improvement, and invite all parties interested to be present at the meeting of the committee when they were to be acted upon, an expression of opinion could be obtained in advance, and only such ordinances be recommended for passage as would meet the views of the property owners, thus saving the labor and expense of preparing a large number of assessments which have heretofore been made, and afterwards ordered annulled or delayed for an indefinite period.

The change in the manner of building sidewalks by

special taxation instead of by special assessment, which has been recommended by the corporation counsel, meets my hearty approval, and if properly managed, will enable the city to have sidewalks constructed in a much shorter time than heretofore, and do away with all the costs incident to a proceeding through the court, which will amount to a very considerable item each year.

The law provides that when an ordinance for a sidewalk is passed, it shall give a full description of all lots requiring walks, shall be published, and property owners given thirty days to construct their own walks. At the expiration of that time, the officer designated in the ordinance is authorized to construct all walks not built by owners, and return an itemized bill of the cost of the same to the city clerk, who prepares a tax list, showing the amount due on each separate lot, and issues his warrant to the collector, who proceeds to collect the same. In case of non-collection, the warrants are returned to the county collector, on the tenth day of March in each year. This officer makes application for judgment the same as in the case of general taxes and special assessments. Under this method, sidewalks can be built in thirty days from the publication of the ordinance, and all court costs and commissioners' fees saved. You will readily see that it will require very careful management in preparing the ordinances and in making the proper returns to the city clerk, as the

validity of the whole proceeding stands or falls upon the correctness of these two documents.

Another saving could, in my opinion, be made by having employes of the city appointed as commissioners on all assessments which are confined to the frontage, but as this is wholly in the province of the corporation counsel, I merely make the suggestion.

A bill has already been introduced in the legislature looking to a reduction of the cost of advertising, which if passed, will lessen the cost very materially. A bill has also been introduced authorizing the clerk of the county court to certify assessment rolls direct to the collector instead of the city clerk, as now required, which will save the expense of one copy of each roll.

The percentage of costs for the years 1880-1-'2-'3-'4 is a fraction under 3 per cent. of the amount assessed, and when it is taken into consideration that the county collector receives one per cent. on all collections made by him, I feel assured that it will compare favorably with any private establishment doing the amount of business represented by the amount of assessments made during the years above enumerated, and if the suggestions herein made can be complied with, I am of the opinion that the amount can be somewhat reduced from even this small percentage. In this connection, I earnestly approve the suggestion of city collector Onahan, that property owners be allowed one per cent. rebate

on all special assessments when paid at his office, previous to his return of the delinquent list to the county collector, on April 1st of each year. This would give prompt paying property owners the benefit of the one per cent., which would otherwise be paid to the county collector, and the city would have the benefit of earlier collections.

In conclusion, I beg to thank you for your uniform courtesy and kindness during the time you have been in charge of the department of Public Works, and to congratulate you upon your successful efforts towards placing the entire department upon a strictly business basis.

STATEMENT OF ASSESSMENTS FOR WOODEN BLOCK PAVEMENTS.

Warrant No.	NAME OF STREET.	FROM.	TO	AMOUNT.
5,087	Wilson street	Canal street	Jefferson street	$ 6,349.92
5,088	West Fourteenth street	Blue Island avenue	Ashland avenue	46,121.15
5,090	West Erie street	Curtis street	North Centre avenue	15,292.10
5,091	Ewing street	Canal street	Halsted street	10,414.51
5,092	West Erie street	North Centre avenue	Ashland avenue	24,449.93
5,096	Clybourn place	Clybourn avenue	North Branch Chicago River	22,841.15
5,099	Willard place	West Washington street	West Randolph street	2,776.66
5,100	Fulton street	Ashland avenue	Robey street	17,961.85
5,104	May street	Fulton street	West Chicago avenue	33,894.17
5,106	West Twelfth street	Canal street	Blue Island avenue	17,007.58
5,107	West Van Buren street	Halsted street	Loomis street	15,761.68
5,108	Halsted street	West Twelfth street	Sixteenth street viaduct	9,199.98
5,112	Twenty-third street	Indiana avenue	South Park avenue	8,948.67
5,113	Desplaines street	West Harrison street	West Twelfth street	15,653.00
5,114	Ada street	West Washington street	West Randolph street	3,072.00
5,115	North avenue	Milwaukee avenue	North Branch Chicago River	60,797.16
5,116	Green street	West Indiana street	West Chicago avenue	18,522.57
5,117	May street	West Harrison street	West Twelfth street	19,476.86
5,118	Peoria street	West Indiana street	Milwaukee avenue	5,572.36
5,121	Clinton street	Carroll avenue	West Kinzie street	1,812.14
5,123	Sheldon street	West Randolph street	West Lake street	2,361.48
5,124	West Van Buren street	Paulina street	Western avenue	30,216.68
5,125	Western avenue	West Lake street	West Van Buren street	17,428.62
5,126	West Clybourn place	North Branch Chicago River	Ashland avenue	8,524.93
5,131	Alley	Block 1	Magie & High's Addition	1,602.24
5,132	Illinois street	North Clark street	St. Clair street	16,215.28
5,133	Leavitt street	West Lake street	West Harrison street	34,070.40
5,135	Kinzie street	North Clark street	Rush street	12,603.65
5,136	Leavitt street	West Harrison street	Ogden avenue	21,149.48
5,137	Sholto street	West Harrison street	West Polk street	6,018.58

5,359	Ogden avenue	West Madison street	West Twelfth street	91,317.35
5,361	La Salle avenue	North Water street	Chicago avenue	25,635.81
5,363	Dearborn avenue	North Water street	Chicago avenue	24,526.93
5,366	Oak street	Dearborn avenue	Lake Shore drive	11,230.60
5,369	West Eighteenth street	Blue Island avenue	Ashland avenue	22,962.37
5,371	West Congress street	Centre avenue	Loomis street	11,607.63
5,373	North State street	Chicago avenue	Division street	17,498.55
5,374	Illinois street	North Franklin street	North Clark street	8,752.62
5,376	Desplaines street	Hubbard street	West Indiana street	2,898.70
5,377	Vernon avenue	Thirtieth street	Thirty-first street	2,764.41
5,378	Leavitt street	Ogden avenue	West Twelfth street	7,472.87
5,379	Emma street	Milwaukee avenue	Ashland avenue	13,427.46
5,380	Park street	Evergreen avenue	Robey street	6,936.36
5,381	Robey street	Bryson street	North avenue	14,236.30
5,382	Evergreen avenue	Milwaukee avenue	Leavitt street	18,035.49
5,383	Le Moyne street	Robey street	Leavitt street	9,275.30
5,384	Fowler street	Evergreen avenue	Leavitt street	16,194.12
5,387	Charles place	Fifth avenue	Franklin street	3,730.48
5,388	Elston avenue	Milwaukee avenue	933 feet south of Division street	14,901.72
5,389	Hubbard street	May street	Ashland avenue	33,319.98
5,390	Webster avenue	North Park avenue	Halsted street	27,061.92
5,391	Superior street	Pine street	Eastern terminus	6,035.82
5,393	Alley	Block 21	Kinzie's Addition	942.02
5,395	Green street	West Lake street	Fulton street	2,287.76
5,397	Alley	North one-half Block 37	Carpenter's Addition	994.67
5,398	North Franklin street	Ontario street	Chicago avenue	11,765.70
5,399	Maxwell street	Halsted street	Blue Island avenue	24,845.00
5,400	Hoyne avenue	Bryson street	North avenue	15,093.02
5,410	Cedar street	Rush street	Lake Shore drive	6,505.84
5,411	Division street	North Branch Canal	North Branch Chicago River	14,213.20
5,412	Walnut street	Ashland avenue	Western avenue	33,162.45
5,413	Twenty-ninth street	State street	Cottage Grove avenue	19,225.94
5,415	Grant place	North Clark street	Larrabee street	12,446.55
5,416	Walton place	Dearborn street	Pine street	8,509.70
5,418	Congress street	Fifth avenue	Franklin street	3,474.11

STATEMENT OF ASSESSMENTS FOR WOODEN BLOCK PAVEMENTS—CONTINUED.

Warrant No.	NAME OF STREET.	FROM.	TO	AMOUNT.
5,420	Laflin street	West Madison street	West Harrison street	$ 21,116.97
5,422	Cottage Grove avenue	Douglas avenue	Egan avenue	18,339.32
5,424	Cottage Grove avenue	Thirtieth street	Douglas avenue	20,361.93
5,426	Twenty-second street	Wentworth avenue	South Branch Chicago River	14,798.40
5,427	Division street	North Clark street	Sedgwick street	9,552.27
5,432	Fullerton avenue	Southport avenue	North Branch Chicago River	15,770.90
5,433	Astor street	Division street	Scott street	1,483.81
5,445	Avon place	Hoyne avenue	Western terminus	5,388.40
5,465	Alley	West Washington street	Park avenue	,920.72
5,466	Macalister place	Centre avenue	Loomis street	8,010.57
5,467	Forquer street	Halsted street	Blue Island avenue	7,682.04
5,468	Sholto street	West Polk street	West Taylor street	5,010.59
5,521	West Twenty-second street	Brown street	Ashland avenue	49,600.32
5,524	Halsted street	North Branch River	Division street	8,548.20
5,525	Twenty-ninth street	State street	Wentworth avenue	11,672.47
5,579	West Monroe	Western avenue	Rockwell street	13,584.97
5,580	Beethoven place	North Wells street	Sedgwick street	5,333.24
5,585	West Chicago avenue	Milwaukee avenue	Lessing street	11,687.18
5,586	Locust street	North Clark street	La Salle avenue	2,616.20
				$1,280,884.03

STATEMENT OF ASSESSMENTS FOR MISCELLANEOUS STREET AND ALLEY IMPROVEMENTS.

No. of Warrant.	IMPROVEMENTS.	STREET.	FROM.	TO	AMOUNT.
5,094	Macadam	Vernon avenue	Thirty-first street	Douglas avenue	$23,795.48
5,102	Medina	Alley	Jackson street	Harrison st.,bet. Clark st. and 4th av	7,166.78
5,105	Macadam	Ray avenue	Prairie avenue	South Park avenue	6,019.12
5,109	Granite	Wabash avenue	Madison street	Jackson street	38,706.82
5,110	Granite	Jackson street	State street	Michigan avenue	16,261.76
5,111	Granite	Quincy street	State street	Dearborn street	8,517.88
5,119	Macadam	West Congress street	Lincoln street	Hoyne avenue	14,949.97
5,122	Granite	Fifth avenue street	Randolph street	Chicago River	17,679.62
5,127	Macadam	West Harrison street	Ogden avenue	Hoyne avenue	11,508.30
5,128	Macadam	Ashland avenue	West Twelfth street	West Twenty-second street	80,408.76
5,129	Curbing and filling	Johnson street	West Twelfth street	West Fourteenth street	6,968.53
5,130	Curbing and filling	Brown street	West Twelfth street	Maxwell street	9,476.96
5,134	Macadam	West Jackson	Halsted street	Hoyne avenue	27,337.60
5,138	Curbing	Sholto street	West Polk street	West Taylor street	1,321.45
5,317	Planking	Ashland avenue	S. Br. Chicago River	West Twenty-second street	5,399.44
5,360	Macadam	Ashland avenue	Milwaukee avenue	West Clybourn place	57,618.40
5,362	Curbing and filling	Butterfield street	Sixteenth street	Twenty-second street	23,836.55
5,364	Granite	Marble place	Clark street	Dearborn street	2,431.82
5,365	Medina	Alley	Van Buren street	Eldr'ge ct., bet. State st.& Wabash av	23,624.85
5,367	Medina	Alley	Jackson street	VanBuren st.,bet. State st. and 3d av	2,056.24
5,368	Medina	Alley	Van Buren street	Harrison st.,bet. Clark st.& Pacific av	3,592.23
5,370	Macadam	Bellevue place	Rush street	Lake Shore drive	7,299.58
5,372	Macadam	West Harrison street	Hoyne avenue	Rockwell street	39,212.15
5,375	Macadam	Thirty-second street	South Park avenue	Cottage Grove avenue	11,582.63
5,385	Macadam	Ewing place	Robey street	Hoyne avenue	5,582.00
5,386	Filling	Keeley street	Archer avenue	Lyman street	1,423.64
5,392	Macadam	Rhodes avenue	University place	Northern terminus	18,618.86
5,394	Medina	Alley	Washington street	Randolph st.,bet.State & Dearb'n sts	1,836.32
5,396	Curbing and filling	Scott street	North State street	Lake Shore drive	1,134.72
5,401	Planking	Alley	Twelfth street	Fourteenth st., bet. Mich. & Ind. avs	2,842.36

STATEMENT OF ASSESSMENTS FOR MISCELLANEOUS STREET AND ALLEY IMPROVEMENTS.—Con.

No. of Warrant.	IMPROVEMENTS.	STREET.	FROM.	TO	AMOUNT.
5,402	Curbing and filling	Stone street	Division street	Banks street	$4,462.80
5,403	Curbing and filling	Ritchie place	Goethe street	Banks street	1,559.91
5,404	Curbing and filling	Schiller street	North State street	Lake shore drive	1,914.32
5,405	Macadam	Banks street	North State street	Lake Shore drive	6,100.35
5,406	Curbing and filling	South Dearborn street	Twenty-second street	Twenty-seventh street	10,064.92
5,407	Granite	Marble place	State street	Dearborn street	3,233.32
5,408	Sheet asphalt	Dearborn avenue	Chicago avenue	North avenue	86,893.96
5,409	Curbing	South Dearborn street	Thirty-third street	Egan avenue	7,429.47
5,417	Curbing and filling	Hobbie street	Crosby street	Larrabee street	884.42
5,421	Curbing and filling	Hurlbut street	North avenue	Fullerton avenue	10,811.18
5,423	Asphalt blocks	Wabash avenue	Douglas avenue	Thirty-seventh street	30,932.50
5,425	Macadam	West Nineteenth st.	Ashland avenue	Hoyne avenue	7,587.60
5,429	Medina	Alley	Jackson street	VanBuren st., bet. 5th av & Fr'nklin st	3,380.22
5,430	Granite	Alley	Madison street	Monroe st., bet. State st. & Wabash av	3,886.31
5,431	Macadam	Gano street	Prairie avenue	South Park avenue	5,844.54
5,446	Granite	Couch place	State street	Clark street	5,776.34
5,447	Granite	Court place	State street	Dearborn street	2,900.13
5,449	Planking	Alley	Hoyne avenue	Leavitt st., bet. Park av. and Lake st	1,283.30
5,578	Granite	Alley	Harmon court	Fourt'th st., bet. Wabash & Mich. avs	19,824.57
		Total amount			$692,980.98

STATEMENT OF ASSESSMENTS FOR LAYING PRIVATE DRAINS.

Warrant No.	NAME OF STREET.	FROM	TO	Amount.
5,097	North avenue	Milwaukee avenue	N. Branch Chicago River	$ 5,694 00
5,098	Ogden avenue	W. Madison street	W. Twelfth street	6,540 50
5,183	Michigan avenue	Jackson street	Lake Park place	1,830 00
5,207	Laflin street	W. Madison street	W. Harrison street	877 00
5,208	Morgan street	W. Twelfth street	W. Fourteenth street	594 00
5,214	Ashland avenue	W. Twelfth street	W. Twenty-second street	4,426 50
5,220	Park street	Evergreen avenue	Robey street	462 50
5,221	Brown street	W. Taylor street	W. Twelfth street	140 00
5,222	W. Harrison street	Ogden avenue	Hoyne avenue	630 00
5,223	Spruce street	Loomis street	Laflin street	450 00
5,224	Throop street	W. Madison street	W. Harrison street	1,111 00
5,242	Pratt street	Halsted street	Green street	180 00
5,243	Green street	W. Indiana street	W. Chicago avenue	630 00
5,274	W. Congress street	Lincoln street	Hoyne avenue	512 00
5,275	Western avenue	W. Lake street	W. Van Buren street	1,473 25
5,276	W. Van Buren street	Paulina street	Western avenue	2,975 00
5,277	W. Congress street	Centre avenue	Loomis street	738 00
5,278	W. Van Buren street	Halsted street	Loomis street	1,188 00
5,279	Leavitt street	W. Lake street	W. Harrison street	1,699 00
5,283	Sheldon street	W. Randolph street	W. Lake street	187 00
5,284	S. Dearborn street	Thirty-third street	Egan avenue	2,646 50
5,285	Bellevue place	Rush street	Lake Shore Drive	936 00
5,288	Leavitt street	W. Harrison street	Ogden avenue	363 00
5,289	Page street	W. Madison street	W. Lake street	337 00
5,290	Thirty-second street	S. Park avenue	Cottage Grove avenue	410 00
5,291	Scott street	N. State street	Lake Shore Drive	351 50
5,298	W. Superior street	Halsted street	Green street	266 00
5,306	Ashland avenue	North avenue	W. Clybourn Place	1,422 00
5,322	Superior street	Pine street	E. Terminus	486 00

STATEMENT OF ASSESSMENTS FOR LAYING PRIVATE DRAINS.—CONTINUED.

Warrant No.	NAME OF STREET.	FROM	TO	AMOUNT.
5,334	W. Eighteenth street	Blue Island avenue	Ashland avenue	$ 901 00
5,335	S. Dearborn street	Twenty-second street	Twenty-seventh street	2,887 50
5,336	Division street	N. Branch Canal	N. Branch River	880 00
5,337	Rhodes avenue	University place	N. Terminus	1,950 50
5,338	W. Huron street	Milwaukee avenue	Ashland avenue	1,659 00
5,339	Grant place	N. Clark street	Larrabee street	715 50
5,340	Walton place	Dearborn avenue	Pine street	495 00
5,341	Illinois street	N. Clark street	Pine street	250 00
5,342	Walnut street	Ashland avenue	Western avenue	1,970 25
5,343	Cedar street	Rush street	Lake Shore Drive	792 00
5,344	Emma street	Milwaukee avenue	Ashland avenue	296 00
5,345	Augusta street	Milwaukee avenue	Wood street	1,140 00
5,346	Leavitt street	Ogden avenue	W. Twelfth street	448 00
5,347	Desplaines street	W. Harrison street	W. Twelfth street	1,008 00
5,348	Warren avenue	Ogden avenue	Ashland avenue	295 00
5,349	W. Clybourn place	N. Branch Chicago River	Ashland avenue	273 00
5,350	Flournoy street	Ogden avenue	Leavitt street	640 00
5,351	Vernon avenue	Thirtieth street	Thirty-first street	323 00
5,352	Elston avenue	Milwaukee avenue	933 S. Division street	370 00
5,353	Ontario street	N. Clark street	N. Market street	230 00
5,354	N. Franklin street	Ontario street	Chicago avenue	450 00
5,355	W. Harrison street	Hoyne avenue	Rockwell street	2,343 00
5,356	Webster avenue	N. Park avenue	Larrabee street	1,012 00
5,357	Fullerton avenue	Southport avenue	N. Branch Chicago River	1,029 50
5,419	W. Twenty-second street	Brown street	Ashland avenue	1,220 00
5,443	Avon place	Hoyne avenue	W. Terminus	297 00
5,571	Dearborn avenue	Chicago avenue	North avenue	702 00
5,584	Forquer	Halsted street	Blue Island avenue	154 00
				$ 64,287 00

STATEMENT OF ASSESSMENTS FOR LAYING WATER SERVICE PIPES.

Warrant Number.	NAME OF STREET.	FROM	TO	Amount of Assessments.
5,095	Kingsbury street	Kinzie street	Chicago avenue	$1,039 20
5,103	Ogden avenue	W. Madison street	W. Twelfth street	6,858 50
5,203	W. Clybourn place	North Branch Chicago River	Ashland avenue	226 00
5,204	Green street	W. Indiana street	W. Chicago avenue	844 50
5,205	Union street	W. Twelfth street	Meagher street	1,069 00
5,206	Milwaukee avenue	W. Chicago avenue	W. Division street	568 40
5,209	W. Congress street	Lincoln street	Hoyne avenue	787 00
5,210	Sheldon street	W. Randolph street	W. Lake street	168 75
5,211	Thirty-fourth street	Halsted street	Auburn street	332 00
5,215	W. Madison street	Ashland avenue	Western avenue	371 10
5,216	DesPlaines street	W. Harrison street	W. Twelfth street	814 80
5,217	W. VanBuren street	Paulina street	Western avenue	3,800 25
5,219	W. VanBuren street	Halsted street	Loomis street	581 00
5,225	Milwaukee avenue	Union street	W. Chicago avenue	3,887 40
5,226	W. Harrison street	Ogden avenue	Hoyne avenue	842 00
5,227	Ashland avenue	W. Twelfth street	W. Twenty-second street	5,074 00
5,231	Bellevue place	Rush street	Lake Shore Drive	1,092 50
5,232	Spruce street	Loomis street	Laflin street	403 50
5,233	Brown street	W. Twelfth street	Maxwell street	920 00
5,234	Leavitt street	W. Harrison street	Ogden avenue	457 50
5,235	Chestnut street	LaSalle avenue	West terminus	571 00
5,236	Superior street	Pine street	East terminus	461 50
5,237	W. Harrison street	Hoyne avenue	Rockwell street	2,600 75
5,238	Leavitt street	W. Lake street	W. Harrison street	1,771 00
5,239	Butterfield street	Sixteenth street	Twenty-second street	1,868 50
5,240	Scott street	N. State street	Lake Shore Drive	261 50
5,241	Western avenue	W. Lake street	W. VanBuren street	1,212 50
5,280	S. Dearborn street	Thirty-third street	Egan avenue	2,495 50
5,281	Thirty-second street	S. Park avenue	Cottage Grove avenue	308 50

STATEMENT OF ASSESSMENTS FOR LAYING WATER SERVICE PIPES—CONTINUED.

Warrant No.	NAME OF STREET.	FROM	TO	Amount of Assessments.
5,282	Augusta street	Milwaukee avenue	Wood street	$ 984 00
5,286	Leavitt street	Ogden avenue	W. Twelfth street	633 00
5,287	Emma street	Milwaukee avenue	Ashland avenue	494 00
5,292	Vernon avenue	Thirtieth street	Thirty-first street	430 00
5,293	Rhodes avenue	University place	North terminus	1,909 25
5,294	Twenty-first street	State street	Archer avenue	392 70
5,295	Ashland avenue	North avenue	W. Clybourn place	1,656 00
5,296	North avenue	Milwaukee avenue	North Branch Chicago River	4,902 00
5,297	W. Congress street	Centre avenue	Loomis street	722 00
5,307	Flournoy street	Ogden avenue	Leavitt street	1,245 00
5,308	W. Huron street	Milwaukee avenue	Ashland avenue	2,413 25
5,309	W. Eighteenth street	Blue Island avenue	Ashland avenue	410 50
5,323	S. Dearborn street	Twenty-second street	Twenty-seventh street	3,626 00
5,324	Division street	North Branch Canal	North Branch Chicago River	1,627 35
5,325	Walnut street	Ashland avenue	Western avenue	2,829 75
5,326	Walton place	Dearborn avenue	Pine street	324 00
5,327	Banks street	N. State street	Lake Shore Drive	477 00
5,328	Webster avenue	N. Clark street	Halsted street	315 00
5,329	Hobbie street	Crosby street	Larrabee street	142 50
5,330	Grant place	N. Clark street	Larrabee street	874 00
5,331	Elston avenue	Milwaukee avenue	933 S. Division street	420 00
5,332	Cedar street	Rush street	Lake Shore Drive	960 00
5,333	Twenty-second street	State street	South Branch Chicago River	283 50
5,358	Fullerton avenue	Southport avenue	North Branch Chicago River	1,173 30
5,414	W. Twenty-second street	Brown street	Ashland avenue	2,080 00
5,444	Avon place	Hoyne avenue	West terminus	142 50
5,583	Warren avenue	Ogden avenue	Leavitt street	555 50
	Total			$73,710 25

STATEMENT OF ASSESSMENTS FOR STREET AND ALLEY OPENINGS AND WIDENINGS.

Warrant No.	NAME OF STREET.	FROM.	TO	Amount of Assessments.
5,089	Opening Dearborn street	Jackson street	Polk street	$550,721.00
5,437	Opening Ruble street	Southern terminus	West Twenty-first street	1,326.00
5,438	Opening alley	Blocks 10 and 15	S. F. Smith's Subdivision in Section 18	4,991.90
5,439	Opening Rhodes avenue	Northern terminus	Thirty-first street	16,765.00
5,440	Widening West Twelfth street	Ogden avenue	West city limits	27,578.13
5,441	Opening alley	Douglas avenue	Thirty-seventh st. bet. Vernon av. and Gr. Boul.	12,592.94
5,461	Opening Twenty-first street	Union street	Jefferson street	13,199.00
5,469	Opening alley	Through Block 5	Southwest fract. ¼ Section 22	3,176.70
5,522	Widening Fairfield avenue	West Twelfth street	Harvard street	1,680.91
5,523	Opening and widening alley	Through Block 59	Section 7	1,870.90
5,587	Opening alley	In Block 7 south frac'l ¼	Sec. 3, T. 39, N. R. 14 E.	7,802.10
5,588	Opening alley	Through sub-lot 1 lot 4, Blk. 55 n. w. ½ Sec. 21	Block 1 McGrath's Addition to Chicago	598.00
5,589	Opening alley			4,682.60
	Total			$646,985.18

STATEMENT OF ASSESSMENTS FOR LAYING PLANK SIDEWALKS.

Warrant No.	SIDE.	NAME OF STREET.	FROM	TO	AMOUNT.
5,201	B	S. Park avenue	Twenty-eighth street	Douglas avenue	$ 449 54
5,212	B	Chicago avenue	N. Clark street	Larrabee street	1,595 00
5,213	B	N. Wells street	Kinzie street	Division street	1,310 17
5,244	B	Sedgwick street	Chicago avenue	Erie street	306 00
5,245	B	Dearborn avenue	Huron street	North avenue	528 71
5,246	B	Webster avenue	Dayton street	N. Franklin street	685 33
5,247	B	Irving avenue	W. Van Buren street	W. Monroe street	343 14
5,248	B	Quinn street	Archer avenue	Thirty-first street	1,062 19
5,249	W	Indiana avenue	Twentieth street	Twenty-first street	145 47
5,250	B	Division street	N. Clark street	N. Wells street	327 60
5,251	W	Roberts street	Erie street	Chicago avenue	326 80
5,252	B	Huron street	N. Clark street	N. Branch Chicago River	2,005 41
5,253	B	Leavitt street	W. Polk street	W. Taylor street	197 73
5,254	B	N. Franklin street	Sigel street	North avenue	272 84
5,255	B	Mohawk street	Clybourn avenue	Garfield avenue	555 36
5,256	B	W. Twelfth street	Ashland avenue	Ogden avenue	1,024 91
5,257	B	Lisle street	Halsted street	Union street	144 00
5,258	B	W. Twentieth street	Halsted street	Centre avenue	160 08
5,259	B	Broom street	W. Indiana street	W. Ohio street	161 25
5,260	S	Thirty-eighth street	Indiana avenue	Prairie avenue	101 80
5,261	B	W. Thirteenth street	Ashland avenue	Wood street	128 00
5,262	B	Hermitage avenue	W. Polk street	W. Twelfth street	711 91
5,263	B	Waldo place	Desplaines street	Halsted street	226 98
5,264	B	Paulina street	W. Kinzie street	Cornelia street	409 26
5,265	B	Girard street	Milwaukee avenue	Hervey street	1,065 60
5,266	B	Evergreen avenue	Robey street	Leavitt street	368 60
5,267	B	Edgar street	North avenue	W. Clybourn place	510 34
5,268	B	Sangamon street	Milwaukee avenue	George street	520 22
5,269	B	Temple street	W. Huron street	W. Chicago avenue	240 24

5,270	B	Hamburg street	Leavitt street	Western avenue	605 34
5,271	B	Dudley street	North avenue	Wabansia avenue	126 80
5,272	B	Elk Grove street	Wood street	Wabansia avenue	612 36
5,301	B	Forrest avenue	Douglas avenue	Egan avenue	349 02
5,302	B	Eda street	State street	Indiana avenue	370 88
5,303	E	Mowry avenue	W. Twenty-fifth street	Bonney street	180 96
5,304	B	Newton avenue	Iowa street	W. Division street	683 94
5,471	B	Fourth avenue	Jackson street	Harrison street	217 02
5,472	B	Fourth avenue	Harrison street	Twelfth street	260 10
5,473	B	Wentworth avenue	Sixteenth street	Twenty-second street	209 43
5,474	B	Coblenz street	Leavitt street	Oakley avenue	70 40
5,475	B	W. Quincy street	Clinton street	Jefferson street	440 96
5,476	B	Lake avenue	Douglas avenue	Oakwood avenue	457 52
5,477	B	Groveland avenue	Northern terminus	Thirty-third street	506 16
5,478	B	Stanton avenue	Douglas avenue	Egan avenue	733 78
5,479	B	S. Dearborn street	Twenty-second street	Egan avenue	1,875 60
5,480	B	DeKoven street	Canal street	Halsted street	312 36
5,481	B	Fifth avenue	Douglas avenue	Thirty-sixth street	232 56
5,482	B	Grove street	Eighteenth street	Archer avenue	605 72
5,483	B	Halsted street	Archer avenue	So. Branch Chicago River	502 83
5,484	B	Napoleon place	Wentworth avenue	Wallace street	373 54
5,485	B	Purple street	Eighteenth street	Archer avenue	87 60
5,486	B	Sheridan place	Wentworth avenue	Purple street	233 89
5,487	B	Elgin street	Wentworth avenue	Grove street	235 79
5,488	B	Wallace street	Archer avenue	McGregor street	117 39
5,489	B	Division street	N. Clark street	Lake Shore Drive	127 50
5,490	B	Meridan street	Desplaines street	Halsted street	211 38
5,491	B	La Salle avenue	Chicago avenue	N. Clark street	675 00
5,492	B	Ruble street	W. Sixteenth street	W. Eighteenth street	75 95
5,493	B	Blackhawk street	Halsted street	Dayton street	196 56
5,494	B	Butler street	Thirty-seventh street	Egan avenue	175 50
5,495	B	Twenty-eighth street	Halsted street	East terminus	442 70
5,496	B	Thirty-third street	State state	So. Park avenue	232 18
5,497	B	Lubeck street	Leavitt street	Oakley avenue	88 00
5,498	W	Western avenue	Canal bridge	W. F'k of S. B. of River	826 58

STATEMENT OF ASSESSMENTS FOR LAYING PLANK SIDEWALKS.—CONTINUED.

Warrant No.	SIDE.	NAME OF STREET.	FROM	TO	AMOUNT.
5,499	B	Marshfield avenue	Douglas avenue	Thirty-sixth street	$ 146 40
5,500	B	Sangamon street	W. Madison street	W. Harrison street	482 60
5,501	B	Dashiel street	Thirty-third street	Douglas avenue	590 90
5,502	B	Twenty-sixth street	Wentworth avenue	Halsted street	122 65
5,503	B	Egan avenue	Cottage Grove avenue	Lake avenue	124 40
5,504	B	Boone street	Leavitt street	DeKalb street	79 38
5,505	B	Hoyne avenue	Hubbard street	Chicago avenue	172 18
5,506	B	Boston avenue	Desplaines street	Halsted street	111 38
5,507	B	Fry street	N. Centre avenue	Ashland avenue	86 40
5,508	B	Blackhawk street	Elston avenue	Paulina street	433 54
5,509	B	Jane street	Milwaukee avenue	Western avenue	367 08
5,510	B	Bloomingdale Rd	Wood street	Elston avenue	588 47
5,511	B	Coblenz street	Oakley avenue	Western avenue	80 58
5,512	B	Holt street	Wabansia avenue	Blackhawk street	80 00
5,513	B	Ewing Place	Leavitt street	Robey street	196 26
5,514	B	Ems street	Leavitt street	Western avenue	218 40
5,515	B	Western avenue	W. Division street	North avenue	576 37
5,516	B	Bloomingdale Rd	Milwaukee avenue	Western avenue	118 80
5,517	B	Sloan street	Elston avenue	Noble street	115 78
5,518	B	Morgan street	W. Washington street	W. Harrison street	546 25
5,519	B	Thirteenth Place	Hoyne avenue	Robey street	76 80
5,520	B	Fourteenth street	State street	Indiana avenue	146 00
5,526	S	Avon avenue	Robey street	Hoyne avenue	98 40
5,527	B	W. Superior street	Noble street	W. terminus	815 11
5,528	B	W. Van Buren street	Leavitt street	California avenue	923 71
5,529	B	Oakley avenue	W. Madison street	W. Twelfth street	1,110 74
5,530	B	N. Franklin street	Michigan street	Indiana street	270 00
5,531	S	Ferdinand street	Hoyne avenue	Oakley avenue	126 00
5,532	N	Egan avenue	Ashland avenue	Wood street	175 50

5,533	B	N. Branch street	Halsted street	Division street	239 78
5,534	N	Iowa street	Lincoln street	Dudley street	120 00
5,235	B	W. Huron street	Oakley avenue	Western avenue	144 80
5,536	B	Thirteenth place	Ashland avenue	Wood street	86 40
5,537	B	W. Congress street	Halsted street	Centre avenue	388 74
5,538	B	W. Taylor street	Leavitt street	Western avenue	321 10
5,539	S	Evergreen place	Leavitt street	Oakley avenue	96 58
5,540	B	Carroll avenue	Curtis street	May street	90 00
5,541	B	Ashland avenue	Douglas avenue	Egan avenue	321 67
5,542	B	Western avenue	W. Polk street	W. Twelfth street	416 10
5,543	S	Thirty-third street	State street	So. Park avenue	323 00
5,544	E	Hawthorn avenue	Larrabee street	North avenue	484 31
5,545	B	Hickory avenue	N. Branch street	Division street	367 46
5,546	B	Cass street	Kinzie street	Rush street	295 26
5,547	B	Thirty-seventh street	Grand Boulevard	Cottage Grove avenue	207 87
5,548	B	Western avenue	W. Madison street	W. Polk street	612 94
5,549	B	Cedar street	N. State street	Lake Shore Drive	319 01
5,550	B	Lincoln avenue	N. Wells street	Webster avenue	286 33
5,551	B	Lewis street	Clybourn avenue	Garfield avenue	324 52
5,552	W	Leavitt street	Armitage avenue	Courtland street	144 00
5,553	B	Cypress street	Kendall street	W. Twelfth street	285 38
5,554	B	Paulina street	W. Madison street	W. Twelfth street	1,954 45
5,555	B	Nixon street	W. Polk street	W. Taylor street	94 40
5,556	B	Vernon Park place	Centre avenue	Loomis street	598 12
5,557	B	W. Indiana street	Ashland avenue	Oakley avenue	682 86
5,558	B	W. Taylor street	Laflin street	Leavitt street	964 22
5,559	B	Austin avenue	May street	Western avenue	1,361 97
5,560	B	Paulina street	North avenue	Armitage avenue	477 66
5,561	B	Congress Park	W. Van Buren street	W. Harrison street	471 96
5,562	B	W. Twenty-first street	Johnson street	Brown street	110 00
5,563	W	Elston avenue	W. Division street	Blackhawk street	452 40
5,564	B	Elston avenue	Blackhawk street	Armitage avenue	630 25
5,565	E	Wall street	Thirty-first street	Thirty-third street	237 88
5,566	B	Orchard street	Clybourn avenue	North avenue	168 48
5,567	E	Southport avenue	Clybourn avenue	Clybourn place	403 73

STATEMENT OF ASSESSMENTS FOR LAYING PLANK SIDEWALKS.—CONTINUED.

Warrant No.	SIDE.	NAME OF STREET.	FROM	TO	AMOUNT.
5,568	B	Eighteenth Place	Brown street	Morgan street	$ 247 00
5,569	B	Sanger street	Archer avenue	Twenty-sixth street	137 20
5,572	B	Fremont street	Webster avenue	Belden avenue	276 64
		Total			$53,462 33

STATEMENT OF ASSESSMENTS FOR LAYING STONE SIDEWALKS.

No.	SIDE.	NAME OF STREET.	FROM	TO	AMOUNT.
5,273	B	Bellevue Place	Rush street	Lake Shore Drive	$ 4,085 40
5,305	B	Prairie avenue	Sixteenth street	Thirty-first street	23,443 46
5,464	B	Ray avenue	Prairie avenue	So. Park avenue	4,472 83
					$32,001 69

STATEMENT OF ASSESSMENTS FOR ERECTING GAS LAMP POSTS.

No. of Posts.	Warrant Number.	NAME OF STREET.	FROM	TO	Amount of Assessment.
7	5,151	West Twentieth street	Ashland avenue	Paulina street	$220 08
3	5,152	Carpenter street	West Washington street	West Randolph street	99 32
6	5,153	Winchester avenue	West Van Buren street	West Harrison street	188 64
5	5,154	Monroe street	Aberdeen street	Throop street	157 20
5	5,155	Fullerton avenue	Hurlbut street	Larabee street	157 20
4	5,156	St. Johns place	Carroll avenue	Arbor place	125 76
2	5,157	Belden avenue	Halsted street	Dayton street	67 88
4	5,158	Bellevue place	Lake Shore drive	350 feet west	125 76
2	5,159	Walton place	North State street	Rush street	67 88
6	5,160	Racine avenue	Garfield avenue	Webster avenue	188 64
4	5,161	Rhodes avenue	Thirty-second street	400 feet north	125 76
7	5,163	Wabash avenue	Jackson street	South Water street	220 08
6	5,164	State street	Monroe street	Chicago River	188 64
8	5,165	Clark street	Adams street	Chicago River	251 52
3	5,166	South Water street	State street	Wabash avenue	99 32
2	5,167	Washington street	Dearborn street	Wabash avenue	67 88
2	5,168	Front street	May street	Elston avenue	67 88
4	5,169	West Eighteenth street	Center street	Allport street	125 76
3	5,170	Curtis street	West Kinzie street	Hubbard street	99 32
12	5,171	West Congress street	Halsted street	Morgan street	357 28
3	5,172	Paulina street	West Madison street	Warren avenue	99 32
14	5,173	Fowler street	Hoyne avenue	Park street	440 16
5	5,174	Peoria street	West Indiana street	Milwaukee avenue	157 20
6	5,175	De Kalb street	Leavitt street	West Polk street	188 64
1	5,176	Twenty-eighth street	Michigan avenue	100 feet west	41 44
6	5,177	West Congress street	Western avenue	Campbell avenue	188 64
3	5,178	Bnnker street	Canal street	Beach street	99 32
5	5,191	West Congress street	Robey street	Hoyne avenue	157 20
19	5,192	Throop street	West Sixteenth street	West Twentieth street	597 36
3	5,193	North Center avenue	Milwaukee avenue	C. & N. W. R. R	99 33

STATEMENT OF ASSESSMENTS FOR ERECTING GAS LAMP POSTS.—CONTINUED.

No. of Posts.	Warrant Number.	NAME OF STREET.	FROM	TO	Amount of Assessment.
2	5,194	Fulton street	Sheldon street	Union Park place	$ 67 88
5	5,195	West Van Buren street	Leavitt street	Irving avenue	157 20
4	5,196	Ada street	West Randolph street	West Lake street	125 76
2	5,218	Leavitt street	Fulton street	Carroll avenue	67 88
4	5,228	Leavitt street	Blue Island avenue	Coulter street	125 76
13	5,229	Robey street	Bryson street	Le Moyne street	408 72
14	5,299	West Ohio street	May street	Noble street	440 16
1	5,310	Eldridge court	State street	Wabash avenue	41 44
1	5,311	Peck court	State street	Wabash avenue	41 44
2	5,312	Fourteenth street	State street	Wabash avenue	67 88
2	5,313	Twelfth street	State street	Wabash avenue	67 88
1	5,314	Harmon court	State street	Wabash avenue	41 44
2	5,570	Eda street	State street	Wabash avenue	67 88
2	5,573	Oak street	North Market street	Townsend street	67 88
4	5,574	Groveland avenue	Twenty-eighth street	Twenty-ninth street	125 76
7	5,575	Twenty-eighth street	Cottage Grove avenue	East terminus	220 08
29	5,576	Division street	Milwaukee avenue	Lincoln street	882 76
8	5,577	Page street	Madison street	Lake street	251 52
15	5,581	Le Moyne street	Robey street	Leavitt street	471 60
10	5,582	West Van Buren street	Irving avenue	Western avenue	314 40
		Total amount of assessments			$9,125 72

STATEMENT OF ASSESSMENTS FOR ERECTING OIL LAMP POSTS.

No. of Posts.	Warrant Number.	NAME OF STREET.	FROM	TO	Amount of Assessments.
3	5,162	Alaska street	Larrabee street	Town street	$ 43 85
11	5,179	Frank street	Waller street	Blue Island avenue	142 45
9	5,180	Sheffield avenue	North avenue	Clybourn avenue	116 55
6	5,181	Fifth avenue	Douglas avenue	600 feet south	77 70
29	5,182	Douglas avenue	Halsted street	South Branch River	288 55
4	5,184	Otis street	Division street	Vedder street	51 80
47	5,185	West Lake street	100 feet west Falls street	Kedzie avenue	444 15
3	5,186	Belknap street	Morgan street	West terminus	43 85
2	5,187	Eleventh street	Morgan street	Blue Island avenue	30 90
5	5,188	Clayton street	Fisk street	Morgan street	51 80
7	5,189	Fisk street	West Sixteenth street	West Eighteenth street	90 65
20	5,190	Johnson street	Maxwell street	West Eighteenth street	219 00
35	5,197	Wentworth avenue	Thirty-third street	Egan avenue	348 25
5	5,198	Washtenaw street	Fulton street	R. R. Grounds	64 75
6	5,199	Concord place	Clybourn avenue	Sheffield avenue	77 70
13	5,200	Leavitt street	West Indiana street	West Chicago avenue	168 35
53	5,202	Elston avenue	Armitage road	Snow street	497 85
2	5,230	Leavitt street	Walnut street	Fulton street	30 90
8	5,300	Paulina street	West Sixteenth street	West Eighteenth street	103 60
52	5,315	Laurel street	Thirty-first street	Thirty-eighth street	491 40
8	5,316	Keeley street	Archer avenue	Lyman street	103 60
23	5,318	Twenty-third street	Wentworth avenue	Archer avenue	251 85
17	5,319	Farrell street	Hickory street	Lyman street	203 15
33	5,320	Hoyne avenue	West Eighteenth street	Blue Island avenue	328 35
18	5,321	West Eighteenth place	Johnson street	May street	197 10
		Total amount of assessments			$4,468 10

SUMMARY.

Total assessments for wooden block pavement including curbing and filling:		
North Division	$270,089 96	
South Division	103,315 73	
West Division	907,478 34	
		$ 1,280,884 03
Total assessments for miscellaneous street and alley improvements:		
North Division	121,061 24	
South Division	303,265 28	
West Division	268,654 46	
		692,980 98
Total assessments for laying private drains:		
North Division	8,329 50	
South Division	10,047 50	
West Division	45,910 00	
		64,287 00
Total assessments for laying water service pipes:		
North Division	9,318 85	
South Division	11,645 95	
West Division	52,745 45	
		73,710 25
Total assessments for street and alley openings and widenings:		
North Division	7,802 10	
South Division	583,255 64	
West Division	55,927 44	
		646,985 18
Carried forward		$2,758,847 44

Brought forward		$2,758,847 44
Total assessments for constructing plank sidewalks:		
North Division	12,347 80	
South Division	12,054 16	
West Division	29,060 37	
		53,462 33
Total assessments for stone sidewalks:		
North Division	4,085 40	
South Division	21,916 29	
		32,001 69
Total assessments for the erection of gas lamp posts:		
North Division	675 24	
South Division	1,668 44	
West Division	6,782 04	
		9,125 72
Total assessments for the erection of oil lamp posts:		
North Division	289 90	
South Division	1,764 50	
West Division	2,413 70	
		4,468 10
Grand total		$2,857,905 28

The following list shows the total of assessments made in each year since 1861:

For the year ending April 1, 1862	$ 42,635 49
For the year ending April 1, 1863	46,493 67
For the year ending April 1, 1864	389,169 31
For the year ending April 1, 1865	103,576 35
For the year ending April 1, 1866	802,574 56
For the year ending April 1, 1867	317,206 18
For the year ending April 1, 1868	1,354,436 48
For the year ending April 1, 1869	2,395,683 03
For the year ending April 1, 1870	2,836,852 48
For the year ending April 1, 1871	2,359,835 89
For the year ending April 1, 1872	62,222, 25
For the year ending April 1, 1873	
For the year ending April 1, 1874	749,460 27
For the year ending April 1, 1875	723,254 42
For the nine months ending January 1, 1876	60,585 72
For the year ending January 1, 1877	1,516,081 07
For the year ending January 1, 1878	124,498 48
For the year ending January 1, 1879	284,900 45
For the year ending January 1, 1880	588,963 43
For the year ending January 1, 1881	980,895 50
For the year ending January 1, 1882	1,227,169 71
For the year ending January 1, 1883	1,395,372 98
For the year ending January 1, 1884	2,232,757 04
For the year ending January 1, 1885	2,857,905 28
Total for twenty-four years	$23,472,530 04

Respectfully submitted,

H. J. JONES,

Superintendent Special Assessments.

MAP DEPARTMENT.

CHICAGO, JANUARY 1, 1885.

DE WITT C. CREGIER,

Commissioner of Public Works:

DEAR SIR:—I herewith submit the annual report of the Map Department for the year ending December 31st, 1884:

In the last year, 120 new sub-divisions of lands inside the city limits have been recorded. and the same have been carefully entered into the atlasses of this department.

The following ordinances in reference to opening, widening, or vacating of streets or alleys have been passed by the City Council last year and so noted in the different atlasses:

OPENING, WIDENING, EXTENSIONS, ETC.

Opening of an alley through lots 25-32 and 83-90 of W. A. Adams' sub-division, of part of E. ½ S. E. ¼, Sec. 28, 39, 14. Ordinance passed March 10.

Opening of Butler street, through block 2 and 3 of

Canal Trustees' sub-division, of Sec. 33, 39, 14. Ordinance passed March 10.

Opening of Elias court, through sub-blocks 2 and 3 of block 26, Canal Trustees' sub-divivision of south fractional ¼, Sec. 29, 39, 14. Ordinance passed April 10.

Opening of an alley in lots 137–144 of Butterfield's addition. Ordinance passed April 9.

Opening of Francisco street from West Madison street to West Jackson street Ordinance passed April 21.

Opening of Asylum place from Elston avenue to the north branch of the Chicago river. Ordinance passed May 12.

Opening of West Quincy street, through block 3 of School Section addition. Ordinance passed June 2.

Opening of an alley in block 4 of Davis' addition to Chicago. Ordinance passed June 2.

Opening of Ashland avenue, through block 12 of Canal Trustees' subdivision of south fractional section 29, 39, 14. Ordinance passed July 28.

Straightening of Elston avenue, south of Division street. Ordinance passed March 10.

Widening of Fairfield avenue, between West Harri-

son street and West Twelfth street. Ordinance passed April 9.

Widening of Owasco street, from California avenue to Washtenaw avenue. Ordinance passed April 21.

REPEALING ORDINANCE.

Opening of Forest avenue from Douglas avenue to Egan avenue. (Ordinance passed July 21, 1873). Repealed by ordinance passed February 4.

Opening of Warren avenue, through blocks 25, 26, and 27 of Lee's sub-division, of S. W. ¼ of Sec. 12, 39, 13. (Ordinance passed May 4, 1883.) Repealed by ordinance passed April 21.

Opening of Haynes court, from Archer avenue to Thirty-first street. (Ordinance passed June 25, 1875.) Proceedings ordered stopped July 21.

VACATIONS.

Vacation of alley in sub-block 1 of block 7, of Canal Trustees' sub-division of Sec. 33, 39, 14. Ordinance passed February 25.

Vacation of west 8 feet of alley in front of lots 12–22, in block 1 of Moody's sub-division, of part of E. ½ S. W. ¼ Sec. 34, 39, 14. Ordinance passed February 25.

Vacation of south 125 feet of alley in block 1 of

Derby and Wallaw's sub-division, of part of N. W. ¼ Sec. 13, 39, 13. Ordinance passed March 3.

Vacation of part of alley in block 37, Sheffield's addition. Ordinance passed April 9.

Vacation of part of alley in block 38, Sheffield's addition. Ordinance passed April 9.

Vacation of alley in block 14 of D S. Lee's addition. Ordinance passed May 12.

Vacation of part of alley in sub-block 4 of block 12 of Sheffield's addition. Ordinance passed May 12.

NEW STREETS.

Street running east and west, through N. E. ¼ of block 12, Sheffield's addition, called Huber street.

Alley running north and south in block 14 of fractional section 3, 39, 14, east of Rush street, called Chestnut place. Ordinance passed April 28.

CHANGING STREET NAMES.

Granger street changed to Beethoven place. Ordinance passed February 25.

Hubbard street changed to Austin avenue. Ordinance passed January 21.

Wabash avenue, from South Water street to Rush street, changed to River street. Ordinance passed June 30.

Woodbine place and Evergreen place, changed to Campbell park. Ordinance passed July 28.

HOUSE NUMBERS.

During last year, 3,500 house numbers have been assigned to new buildings, and about 3,000 numbers have been corrected.

The following number of plats, tracings, etc., for ordinances and for the use of the different departments have been prepared during last year.

For Special Assessment Department.

432 plats for sidewalk assessment.

152 plats for street improvement assessment.

720 plats for lamp post ordinances.

41 plats for ordinances, for opening, extension or vacation of streets or alleys.

For Street Department.

14 Survey maps.

115 plats for engineer's estimates.

For Law Department.

26 plats.

For Miscellaneous Purposes.

16 plats.

Respectfully,

FRANCIS A. DEMMLER,

Superintendent of Maps.

BOOK-KEEPER'S STATEMENT

FOR 1884.

CHICAGO, DECEMBER 31, 1884.

D. C. CREGIER, ESQ.,

Commissioner of Public Works.

DEAR SIR:—I herewith respectfully submit my report of the receipts and expenditures of your department from January 1, to December 31, 1884.

WATER FUND.

RECEIPTS.

Acc't Current Rents:		
Amount collected during the year for current rents, assessed.....	$795,494 18	
Current rents, meter measurement	408,065 89	
		$1,203,560 07
Acc't Water Service Cocks:		
Amount received for tapping permits..	$28,833 89	
Amount received for plumbers' licenses.	190 00	
Carried forward.	$29,023 89	$1,203,560 07

Brought forward.	$29,023 89	$1,203,560 07
Amount received for labor and material.	93 74	
Amount received for horse sold.....	80 00	
		29,197 63

Acc't Meter and Private Work:

Amount received for labor and material furnished for laying water pipe for elevator and general supply; also, for changing the location of hydrants and stop-cocks.....	$ 25,525 27	
Amount received for meters, meter fittings and labor...	11,713 72	
Amount received for repairing meters..	3,603 77	
		40,842 76

Acc't Waterpipe Extension:

Amount received from private parties for waterpipe and special castings sold.....	$ 1,333 23	
Amount received for scrap iron sold...	5,141 85	
Carried forward.	$6,475 08	$1,273,600 46

Brought forward.	$6,475 08	$1,273,600 46
Amount received from sewer department for water pipe furnished....	395 88	
		6,870 96
Miscellaneous Receipts:		
Amount received from City Comptroller for delinquent water taxes and redemptions..	$ 778 67	
Amount deposited by private parties as security for loan of hydrant wrenches.	720 00	
Amount advanced by private parties to lay water pipe.	4,215 54	
Amount received for labor and material furnished from machine shop, North and West Pumping Works and Water Works stable.....	1,366 61	
Amount received by transfer from other funds, for bricks, cement, sewer pipe and lead.....	667 23	
Amount received for shut-off charges..	721 79	
		8,469 84
Total receipts..		$1,288,941 26

EXPENDITURES.

Acc't Waterpipe Extension:

Paid for—

Labor	$ 88,562 45
Iron water pipe	134,417 38
Special castings	22,261 27
Composition and sewer pipe	8,462 27
Bricks	6,119 19
Cement	2,984 21
Lumber	4,301 10
Sand	355 00
Blasting material	98 50
Lead	5,624 69
Packing, gasket & rope	490 16
Coal	10 50
Hickory poles	10 00
Oil	50 95
Roofing and felt	12 96
Teaming	7,437 96
Plumbing	1,559 00
Paving	1,594 21
Tools and general hardware	573 22
Asphalt composition	283 50
Iron work	108 36
Chain and iron	100 45
Cedar posts	20 95
Stone and stone cutting	18 75
Stabling expenses	308 69
Diving	50 00
Tug service	244 25
Carried forward.	$286,059 97

Brought forward.	$286,059 97	
Wheelbarrows.	6 50	
Pails and brooms...	17 00	
Lamps and globes...	31 75	
Stoves....	24 50	
Labor and material from machine shop	24,989 27	
Printing and stationery.....	54 08	
Sash and windows...	31 30	
Judgment & cost...	891 81	
Car fare.....	7 40	
Advertising.....	68 10	
	$312,181 68	
Deduct—		
Pipe and castings furnished to meter department and for water works repairs.....	8,750 95	
		$303,430 73

Acc't North Pumping Works:

Paid—		
Engineers, firemen, oilers and laborers	$27,304 94	
For coal.....	95,010 03	
Hauling ashes, etc...	608 91	
Plumbing.....	10 10	
Brooms & brushes...	17 75	
Cement	39 75	
Oil and lead.....	1,436 07	
Tools.....	24 46	
Grate bars.....	379 50	
Carried forward.	$124,831 51	$303,430 73

Brought forward.	$124,831 51	$303,430 73
Waste, gasket and packing	411 58	
Rubber, hose, etc.	147 15	
Steel, wire and brass.	45 56	
Valves	205 28	
Repairing boilers and machinery	276 42	
Hardware	175 99	
1 Steam pump	310 50	
Boiler covering	821 68	
Rope and cord	8 92	
Pipe and fittings	89 76	
Castings	215 62	
Soap and tallow	54 63	
Lumber	798 36	
Steel wheels	14 00	
Roofing boiler house.	1,076 00	
Ventilators for boiler house	27 37	
Battery jars	9 00	
Blankets and quilts	32 25	
Brick and fire-clay	48 00	
Gas bills	973 14	
Paving and paving blocks	125 00	
Stabling expenses	329 77	
Cedar posts	17 55	
Advertising	205 43	
Sprinkling	48 00	
Ice	8 95	
Repairing flag	6 25	
Lightning rod	12 00	
Printing and stationery	37 75	
Carried forward.	$131,363 42	$303,430 73

Brought forward.			$131,363 42	$303,430 73
Trees and grass-seed.		14 50		
Calcimining & painting		1,542 62		
Gallery and railing		750 00		
Glazing		249 01		
Windows and mouldings		25 60		
Gas fixtures		38 05		
Linoleum		45 00		
Cash payments.		134,028 20		
Deduct—				
For labor & material transferred to machine shop and water-pipe extension.	$ 778 13			133,250 07
Acc't West Pumping Works:				
Paid—				
Engineers, firemen, oilers, and laborers.		$25,936 11		
For oil		1,866 89		
Gasket, waste and packing		380 12		
Hardware, bolts, castings, etc		391 83		
Shavings		15 00		
Petroleum		19,235 69		
Coal		16,915 56		
Valves		1,341 26		
Gear wheels		88 55		
Sand		10 00		
Brooms, pails, and brushes		28 00		
Carried forward.		$66,209 01	$436,680 80	

Brought forward.	$66,209 01	$436,680 80
Rope	26 74	
Pitch and tar	23 75	
Freight	12 55	
Teaming	9 63	
Advertising	3 19	
Blank books	16 58	
Charts	10 00	
Tallow, grease, etc.	626 45	
Leather	36 50	
Gas (part of year)	783 55	
Steam hose	8 71	
Fire-brick, clay and tile	337 96	
Pipe covering	262 96	
Lumber	27 90	
Sewer-pipe	29 00	
Iron and machinery work	723 98	
Soap, alcohol and paint	70 15	
Coke	7 50	
Stabling expenses	128 09	
		69,354 20

Acc't West Pumping Works Extension:

Paid for—

Labor	11,077 94	
Machinery	57,416 51	
Painting and calcimining	963 80	
Granolithic floor	730 00	
Lumber	602 92	
Buildings	6,974 25	
Tuck pointing	322 00	
Carried forward.	$78,087 42	$506,035 00

Brought forward.	$78,087 42	$506,035 00	
Painting and glazing.	575 00		
Tiling	1,670 00		
Terra cotta	2,360 00		
Sand	271 00		
Stone, and stone-cutting	314 25		
Tile floor	907 80		
Cement and lime	523 93		
Brick and clay	3,929 59		
Pipe and fittings	236 35		
I-beams and girders.	592 43		
Roof	13,500 00		
Sash and mouldings.	38 20		
Gas fixtures	82 33		
Masonry	625 86		
Gravel	2 25		
Felt	1 92		
Tar and pitch	15 50		
Cedar posts	5 04		
Wheel-barrows.	19 50		
Diving	90 00		
Hose and coupling.	7 50		
Belting and wheel.	42 86		
Gate valves	1,300 00		
Machine & iron-work.	413 49		
Pails	1 25		
Castings & hardware.	292 67		
Traveling expenses.	75 00		
Roofing shed	110 00		
Advertising	8 70		
Teaming	22 50		
		106,122 34	
Carried forward.		$612,157 34	

Brought forward.		$612,157 34
Acc't Water Works Repairs:		
Paid for:		
Labor	$ 46,044 52	
Teaming	6,799 78	
Lumber	7,450 95	
Bricks	523 31	
Cement	199 75	
Plumbing	1,971 96	
Sand	145 00	
Felt	49 02	
Hardware	195 53	
Lead	385 68	
Gaskets	20 00	
Sewer pipe and covers	918 45	
Iron pipe and castings	4,479 65	
Oil	2 85	
Baskets	6 50	
Repairing boiler	106 98	
Diving	25 50	
Tools	41 32	
Tug service	30 00	
Paving	1,391 47	
Stabling expenses.	436 21	
Printing and advertising	7 32	
Labor at machine shop	1,294 75	
		72,526 50
Acc't Water Service Cocks,		
Paid for:		
Labor	$ 12,476 53	
Carried forward.	$12,476 52	$684,683 84

Brought forward.	$12,476 53	$684,683 84
Labor, (locating stops)	5,055 00	
Corporation taps	3,901 50	
Shut-off boxes	6,571 48	
Plumbing	186 06	
Tape lines and hardware	59 13	
Labor at machine shop	148 38	
Stabling expenses.	1,078 57	
Advertising and postage	64 32	
Teaming	4 00	
Sewer pipe	353 07	
Decrease in stock.	835 38	
Buckets	2 75	
		30,736 17

Acc't Meter—and Private Work:

Paid for:		
Labor	$ 11,532 57	
Meters	12,475 86	
Meter fittings and castings	2,380 59	
Hardware	80 84	
Meter glasses	16 00	
Tar and pitch	23 50	
Sand	50 00	
Oil	2 80	
Sealing wax	4 80	
Plumbing	267 42	
Felt	4 00	
Lumber	718 72	
Carried forward.	$27,557 10	$715,420 01

Brought forward.	$27,557 10	$715,420 01
Packing.....	28 10	
Labor at shop	1,500 36	
Stabling expenses.	603 81	
Bricks	993 20	
Cement.....	168 76	
Sewer pipe.....	92 76	
Lead	592 42	
Iron pipe and spe'l castings.....	4,271 30	
Rebates.....	4,361 82	
Air chambers.....	623 97	
Teaming.....	492 28	
Freight.....	19 60	
One horse.....	150 00	
Fly-net	3 00	
Doctoring horse..	9 00	
Horse shoeing....	67 51	
Tools.....	25 52	
Blank book.....	1 90	
Paving.....	19 50	
		41,581 91

Acc't Water Works Shop:

Paid for—

Labor .....$	17,575 54	
Hydrant castings..	6,105 58	
Brass castings	5,361 80	
Coal.....	591 32	
Iron, steel & brass.	446 49	
Gaskets & packing.	148 12	
Bolts, nuts and gen. hardware.....	666 36	
Babbet metal.....	9 45	
Carried forward.	$30,904 66	$757,001 92

Brought forward.		$30,904 66	$757,001 92
Spur wheels		47 56	
Belting		56 23	
Potash and borax.		2 25	
Lead and oil.....		42 29	
Alcohol.....		2 40	
Oil cups		8 75	
Taps and dies		33 40	
Machine work		34 83	
Lumber..... ..		4 92	
Grind stone.....		13 20	
Files and repairing		65 20	
Lathe bed and fitting		365 54	
Valves.....		466 58	
Plumbing		5 25	
Bolt cutter.....		350 00	
Stabling expenses.		324 50	
Gas.....		52 65	
Gas brackets		7 45	
Ice		6 75	
		$32,794 41	
Deduct—			
Amount charged Water pipe Extension..	$24,989 27		
Amount charged Water works Repairs...	1,294 75		
Amount charged Lake Crib..	14 23		
Amount charged Water Sewer Cocks....	148 38		
Forward.	$26,446 63	$32,794 41	$757,001 92

Forward.	$26,446 63	$32,794 41	$757,001 92
Amount charged Meter Dept..	1,500 36		
Amount charged W. Pumping Works....	2 69		
Amount charged Stable Ac't.	142 92		
		28,092 60	
			4,701 81

Acc't Water Works Stable:

Paid for—

Labor.....	$ 2,030 15	
Horse feed	894 37	
Wagon, and repairing....	359 93	
Horse shoeing	276 75	
Harness, and repairing.....	91 75	
Blankets and covers	50 75	
Two horses.....	350 00	
Hose.....	7 13	
Oil and soap.....	7 50	
Brooms....	4 50	
Labor at shop.....	142 92	
Frame building....	200 00	
Repairing roof....	36 88	
Bricks.....	198 00	
Cement....	73 75	
Windows.....	18 70	
Hardware	11 67	
Lumber....	170 11	
Carried forward.	4,924 86	$761,703 73

Brought forward.		$4,924 86	$761,703 73
Deduct amount charged—			
Meter De-p'rtm'nt.	603 81		
W't'r w'ks. repairs..	436 21		
Water service c'ks.	1,078 57		
Water pipe ext'ns'n.	308 69		
Nor. pumping w'ks.	329 77		
Water w'ks shop....	324 50		
W'st p'mping w'ks.	128 09		
		3,209 64	
			1,715 22

Acc't Lake Tunnel Crib:

Paid for—		
Keeper's salary and labor.....	$2,049 75	
Boarding laborers..	385 50	
Tug service.....	1,134 45	
Tools.....	17 62	
Lanterns, globes & wicking	9 95	
Hose and coupling,	75	
Brooms.....	3 50	
Glass and putty....	3 70	
Rubber ware.....	23 21	
Rope and marline..	11 41	
Coal....	196 40	
Labor at shop.....	14 23	
Lead and oil.....	50 46	
Carried forward.	$3,900 93	$763,418 95

Brought forward.	$3,900 93	$763,418 95
Hardware....	37 33	
Cement and lime..	5 75	
Advertising.....	7 59	
		3,951 60

Acc't Water Office Expense and Salaries:

Paid for—		
Blank books.....	573 80	
Printing & stationery....	698 55	
Car-fare.....	1,750 65	
Postage-stamps and cards.....	391 82	
Rubber stamps....	7 00	
City directory.....	5 00	
Binding books and papers.....	71 67	
Candles & matches.	24 78	
Tape lines, picks and shovels.....	76 00	
Keys, locks & general hardware...	16 35	
Salaries....	94,303 37	
		97,918 99

Acc't Proportional Salaries and Office Expense:

Paid—		
⅓ salaries of Commissioner, City Engineer, Secretary, Book-keepers and others...	$5,283 23	
Blank-books, printing & stationery.	360 36	
Postage....	55 01	
Carried forward.	$5,698 60	$865,289 54

Brought forward.	$5,698 60	$865,289 54
Car-fare....	14 07	
Newspapers.....	19 06	
An'ul report (in p'rt)	186 60	
Picture frames.....	5 50	
Repairing clock...	2 50	
Carriage hire.....	9 00	
Binding papers....	5 00	
Hardware....	1 50	
Express charges...	40	
		5,942 23

Miscellaneous Expenditures:

Paid—		
Interest on water loan $264,928 65		
Sundry persons for money advanced to lay water pipe.	11,499 89	
Deposits for hydr'nt wrenches ref'nd'd.	500 00	
Double payments of water-tax's refunded....	3,022 07	
balance cost of iron roof, north pumping works.....	861 77	
		$280,812 38
Total expenditures.		$1,152,044 15

SEWERAGE FUND.

RECEIPTS.

Am't received for drain permits...	$30,891 09		
Am't received for drain layer's licences.....	123 00		
		$ 31,014 09	
Am't appropriated by City Council for intersections.	$32,932 88		
For cleaning sewers and catchbasins..	35,000 00		
For sewerage salaries....	17,500 00		
For sewerage office expense....	500 00		
For sewerage prop'l salaries.....	5,566 67		
For sewerage prop'l office expense...	833 33		
For sewerage sinking fund.....	500 00		
For river improvement sinking fund	500 00		
For deficiency in collection of taxes..	2,333 32		
		95,666 20	
Am't received from general fund....		3,500 00	
Am't received from private parties for cleaning sewers..		69 10	
Total receipts.			$130,239 39

EXPENDITURES.

Acc't House Drains:

Paid for—		
Inspection labor & teaming	16,109 03	
Stationery & printing	112 33	
Plumbing	6 25	
Constructing and repairing drains	122 85	
Sewer pipe	6,191 75	
Tape lines	12 00	
Rubber ware	5 00	
Advertising	48 09	
Varnish	3 25	
Repairing drawing-tables	8 00	
Refunded for drain permit	5 00	
		$ 22,623 55

Acc't Repairing Sewers North Division:

Paid for—		
Labor	$ 1,180 88	
Repairing tools	19 05	
Teaming	172 33	
Paving	41 30	
Depreciation of stock	25 90	
		1,439 46

Acc't Repairing Sewers South Division:

Paid for—		
Labor	$ 2,272 96	
Building dock	150 00	
Repairing tools	10 50	
Carrried forward.	$2,433 46	$24,063 01

Brought forward.	$2,433 46	$24,063 01
Teaming.....	378 14	
Paving.....	150 35	
Depreciation of stock.....	31 50	
		2,993 45

Acc't Repairing Sewers West Division:

Paid for—		
Labor.....	$2,491 74	
Repairing tools....	10 25	
Teaming	381 25	
Depreciation of stock.....	65 85	
Iron work.....	10 80	
		2,959 89

Acc't Cleaning Sewers North Division:

Paid for—		
Labor.....	$8,781 78	
Repairing flushing wagon	58 35	
Repairing tools...	22 56	
Iron work.....	4 37	
Teaming.....	845 86	
Depreciation in stock.....	46 00	
		9,758 92

Acc't Cleaning Sewers South Division:

Paid for—		
Labor.....	$13,894 10	
Repairing flushing wagon	34 00	
Repairing tools. ..	5 00	
Candles.....	6 50	
Rubber ware.....	19 50	
Carried forward.	$13,959 10	$39,775 27

Brought forward.	$13,959 10	$39,775 27
Lead and oil.....	6 56	
Iron work.....	10 00	
Teaming.....	1,751 83	
Depreciation of stock.....	80 30	
		15,807 79

Acc't Cleaning Sewers West Division:

Paid for—		
Labor.....	$16,597 48	
Teaming.....	1,256 04	
Repairing tools....	30 19	
Sulphuric acid.....	2 61	
Repairing flushing wagon.....	55 00	
Candles.....	6 50	
Rubber ware.....	20 50	
Lead and oil.....	8 00	
Iron work.....	15 00	
Depreciation in stock.....	120 00	
		18,111 32

Acc't Intersections:

Paid for—		
Labor.....	$14,274 79	
Paving.....	5 75	
Teaming.....	322 90	
Covers.....	2,857 47	
Depreciation in stock.....	106 70	
Sewerage tax fund for material used in 1882 and 1883.	12,932 88	
		30,500 49
Carried forward.		$104,194 87

Brought forward.		$104,194 87

Acc't Sewerage Office Expense:

Paid for—		
Car fare	$344 09	
Printing and stationery	46 25	
Postage	42 35	
Draughting tools and ink	8 50	
Hektograph	5 25	
Window shades	6 30	
1 City Directory	5 00	
Mounting map	4 00	
		461 74

Acc't Sewerage Proportional Office Expense:

Paid for—		
Printing and stationery	$438 86	
Newspapers	37 42	
Binding contracts	13 75	
Binding annual reports	59 63	
Lettering boxes	2 40	
Badges	10 00	
3 City Directories.	15 00	
Postage	116 10	
		693 16

Miscellaneous Expenditures:

Paid—		
Sewerage office salaries	$16,970 00	
Carried forward.	$16,970 00	$105,349 77

Brought forward.	$16,970 00	$105,349 77	
Sewerage fund's share of salaries of commissioner, city engineer, secretary, book-keeper and others....	4,933 24		
River improvement sinking fund.....	500 00		
Sewerage sinking fund.....	500 00		
For material charged stock account.....	3 40		
		22,906 64	
Total expenditures.			$128,256 41

SEWERAGE TAX FUND.

RECEIPTS.

Acc't New Sewers:		
Amount appropriated by City Council for construction of new sewers.....	$254,000 00	
Amount appropriated for probable deficiency in collection of taxes.....	6,350 00	
		$260,350 00
Amount advanced by private parties to construct sewers, as follows:		
Porter Bros.....	$ 305 45	
Wilhelm Pauli..	100 00	
Robt. L. Martin.	299 00	
Turner & Bond, ag'ts.....	1,300 00	
Hugh Copeland ...	125 00	
Baird & Bradley...	1,415 00	
Franz Schack	350 00	
		3,894 45
Acc't, Sewers, North Division:		
Amount received for labor.....	$ 53 82	
Amount rec'ved from Sewerage Fund...		
For setting junctions for drains.....	801 25	
		855 07
Carried forward.		$265,099 52

Brought forward.		$265,099 52
Acc't, Sewers, South Division:		
Amount rec'ved from Chicago City R'y Co. for constructing manholes.....	$ 765 00	
Amount rec'ved from Porter Bros. for labor	22 55	
Amount rec'ved from sewerage fund for setting junctions for drains.....	1,293 38	
		2,080 93
Acc't, Sewers, West Division:		
Amount rec'ved from Sewerage Fund for setting junctions for drains.....	$3,589 45	
Amount rec'ved from Water Fund for labor	186 70	
Amount rec'ved from Gen'l Fund for W. 12th St. sewer	1,000 00	
		4,776 15
Acc't, Iron Covers:		
Amount rec'ved from private parties for covers sold	$ 80 00	
Amount rec'ved from Sewer Fund for covers furnished...	3,000 00	
Carried forward.	$3,080 00	$271,956 60

Brought forward.	$3,080 00	$271,956 60
Amount rec'ved from Special Ass't Fund for covers furnished	850 00	
Amount rec'ved from Water Fund for covers furnished.....	601 38	
		4,531 38
Acc't, Sewerage Pipe:		
Amount rec'ved from private parties, pipe sold.....	$ 924 63	
Amount rec'ved from Special Ass't Fund, pipe furnished	1,300 50	
Amount rec'ved from Water Fund.....	20 87	
Amount rec'ved from Sewerage Fund...	507 67	
		2,753 67
Acc't, Cement:		
Amount rec'ved from C. B. & Q. R. R. Co., cement used	$ 27 50	
Amount rec'ved from Special Ass't Fund, cement furnished..	1,071 00	
		1,098 50
Acc't, Sewer Bricks:		
Amount rec'ved from C. B. & Q. R. R. Co., brick used	$ 48 50	
Amount rec'ved from Special Ass't Fund, brick furnished. ..	2,550 00	
Carried forward.	$2,598 50	$280,340 15

Brought forward.	$2,598 50	$280,340 15
Amount rec'ved from Water Fund, brick furnished	10 00	
Amount rec'ved from Sewerage Fund, brick furnished....	4,932 88	
		7,541 38
Acc't, Wooden Covers:		
Amount rec'ved from H. H. Remington, iron-wood sold	$ 2 00	
Amount rec'ved from C. B. & Q. R, R. Co., covers used	37 03	
Amount rec'ved from Sew'age Fund, covers furnished.....	7,857 47	
Amount rec'ved from Special Ass't Fund, covers furnished...	765 00	
		8,661 50
Acc't, Catch-Basins:		
Amount rec'ved from Chi. Gas L. C. Co., for labor.....	$ 368 79	
Amount rec'ved from J. B. Smith & Co., constructing basins.	100 00	
Amount rec'ved from C. B. & Q. R. R. Co., labor on basins....	152 00	
Amount rec'ved from Special Ass't Fund., labor on basins....	6,213 50	
		6,834 29
Carried forward.		$303,377 32

Brought forward.		$303,377 32
Miscellaneous Receipts:		
Amount received for premium $1\frac{03}{100}\%$ on $458,000, 4% Sewer Bonds	$4,717 40	
Amount rec'ved from vouchers deposited back	1,725 55	
		6,442 95
Total receipts		$ 309,820 27

EXPENDITURES.

Acc't, Sewers, North Division:		
Paid for—		
Labor and teaming	4,372 56	
Special castings	95 88	
Iron covers	534 35	
Coal	2 00	
Plumbing	68 36	
Earth filling	168 96	
Sewer pipe	918 64	
Wooden covers	471 06	
Oil	1 30	
Cement	439 20	
Sand	52 30	
Bricks	830 24	
Blank books	34 84	
Advertising	9 60	
Contractors	13,962 81	
		21,962 10
Carried forward.		$21,962 10

Brought forward.		$21,962 10
Acc't, Sewers, South Division:		
Paid for—		
Labor and teaming	$6,240 69	
Pipe	1,360 21	
Covers	689 35	
Cement	550 15	
Sand	78 45	
Bricks	1,396 34	
Iron covers	821 54	
Repairing tools	12 10	
Repairing wagon	12 00	
Blank books	18 50	
Plumbing	552 85	
Advertising	34 08	
Building dock	775 44	
Earth filling	84 48	
Rep'ing R. R. track	27 29	
Special castings	150 00	
Contractors	39,551 98	
		52,355 45
Acc't, Sewers, West Division:		
Paid for—		
Labor and teaming	$11,296 56	
Special castings	150 00	
Sewer pipe	2,870 06	
Wooden covers	1,956 18	
Cement	1,289 80	
Catch-basins	6,301 30	
Sand	130 75	
Bricks	3,838 58	
Iron covers	445 89	
Plumbing	1,606 26	
Tools, and repairing	35 49	
Blank books	21 70	
Carried forward.	$29,942 57	$74,317 55

Brought forward.	$29,942 57	$ 74,317 55
Advertising.....	25 50	
Oil.....	7 95	
Lanterns & globes.	4 50	
Contractors.....	161,267 04	
		191,247 56
Acc't Iron Covers:		
Paid for—		
Iron curbs and covers.....	$ 9,703 17	
Freight.....	7 49	
	$9,710 66	
Less am't charged sewers—North, South and West Divisions, etc...	1,836 78	
		7,873 88
Acc't Sewer Pipe:		
Paid for—		
Labor and teaming.	$1,802 14	
Pipe.....	6,237 48	
Coal.....	172 58	
Advertising.....	3 30	
	$8,215 50	
Less am't charged sewers—North, South and West Divisions, etc....	5,220 31	
		2,995 19
Acc't Wooden Covers:		
Paid for—		
Labor and teaming.	$2,542 06	
Making covers....	3,375 00	
Carried forward.	$5,917 06	$276,434 18

Brought forward.	$5,917 06	$276,434 18
Tools and hardware.	552 97	
Lumber.....	6,521 20	
Advertising.....	12 75	
	$13,003 98	
Less am't charged sewers—North, South and West Divisions, etc....	3,127 09	
		9,876 89
Acc't Sewer Bricks:		
Paid for—		
Labor and teaming.	$ 1,919 64	
Bricks.....	12,903 92	
	$14,823 56	
Less am't charged sewers—North, South and West Divisions, etc....	6,205 16	
		8,618 40
Acc't Sand:		
Paid for—		
Sand.....	$ 608 00	
Less am't charged sewers—North, South and West Divisions, etc....	261 50	
		346 50
Acc't Cement:		
Paid for—		
Cement.....	$6,482 60	
Carried forward.	$6,482 60	$295,275 97

Brought forward.	$6,482 60	$295,275 97
Less am't charged sewers—North, South and West Divisions, etc....	2,337 95	
		4,144 65
Acc't Catchbasins:		
Paid for—		
Labor and teaming.	$ 16,644 76	
Stone cutting.....	19 00	
Resetting curb....	4 25	
	$16,668 01	
Less am't charged sewers—North, South and West Divisions, etc....	9,833 72	
		6,834 29
Acc't Premium:		
Paid for—		
Advertising.....	$ 154 86	
Lith'graph'g bonds.	275 50	
Exchange and interest....	763 93	
		1,194 29
Acc't Individual Creditors:		
Paid sundry parties for money advanced to construct sewers....		4,187 00
Total Expenditures,		$311,636 20

APPROPIATION FUND.

RECEIPTS.

Acc't Streets North Division:

Received for—		
Paving and inspecting	$ 3,628 25	
Use of streets	608 00	
Scale permits	15 00	
Work done for sewer department	41 30	
Work done for water department	461 90	
Am't appropriated by City Council.	35,000 00	
		$ 39,754 45

Acc't Streets South Division:

Received for—		
Paving and inspecting	$14,683 44	
Use of streets	386 75	
Use of steam-roller.	902 00	
Vault permit	3 00	
Labor for sewer department	150 35	
Labor for water department	1,588 75	
Am't appropriated by City Council.	60,000 00	
		77,714 29
Carried forward.		$117,468 74

Brought forward.		$117,468 74
Acc't Streets West Division:		
Received for—		
Paving and inspecting	$ 2,572 67	
Use of streets	805 25	
Scale permits	9 00	
Use of steam roller.	809 15	
Labor for sewer department	84 75	
Labor for water department	497 00	
Am't appropriated by City Council	85,000 00	
		89,777 82
Acc't House Moving Permits:		
Received for permits		3,630 00
Acc't Street Lamps:		
Received—		
From Comptroller for repairs, etc.	$ 18,293 11	
For moving and resetting posts	38 47	
For damages to posts	27 85	
For scrap iron sold.	4 00	
		18,363 43
Acc't Bridge Department:		
Received for—		
I-beams sold	$1,305 96	
Damages to bridges and viaducts	1,009 88	
Carried forward.	$2,315 84	$229,239 99

Brought forward.	$2,315 84	$229,239 99
From C. & N. W. R. R. Co., their annual contribution tow'rds maintainance of State street viaduct...	400 00	
Am't appropriated by City Council.	64,000 00	
		66,715 84

Acc't Chicago Avenue Viaduct:

Am't appropriated by City Council.	$137,135 47	
Received for constructing sidew'k.	50 00	
Received from C. & N. W. R. R. Co.	135,697 03	
		272,882 50

Acc't Centre Avenue Viaduct:

Am't appropriated by City Council..	$116,972 00	
Received from C., B. & Q. R. R. Co...	28,086 38	
Received from C. & N. W. R. R. Co.	19,580 90	
		164,639 28

Acc't West Twelfth Street Viaduct:

Received from C., B. & Q. R. R. Co...	$24,306 84	
Received from general fund.....	5,000 00	
		29,306 84
Carried forward.		$762,784 45

Brought forward.		$762,784 45
Acc't Erie Street Viaduct:		
Received from general fund.....		32,000 00
Acc't Special Assessments:		
Rec'd from special assessment fund.		52,756 17
Acc't Union Park:		
Received for rent of fruit stand.....	$ 70 00	
Am't appropriated by City Council..	2,500 00	
		2,570 00
Acc't Jefferson Park:		
Received for rent of fruit stand.....	$ 47 90	
Am't appropriated by City Council.	1,500 00	
		1,547 90
Acc't Chicago Harbor:		
Received for dredging and removing scow.....	$ 58 20	
Am't appropriated by City Council..	23,200 00	
		23,258 20
Acc't Public Benefits:		
Am't appropriated by City Council.	$250,798 84	
Received from sundry parties for intersections.....	7,866 87	
Rec'd from special assessment fund.	31,934 58	
		290,600 29
Carried forward.		$1,165,517 01

Brought forward.		$1,165,517 01
Miscellaneous Appropriations:		
Sidewalk intersections, North Division.....	$ 1,000 00	
Sidewalk intersections, South Division.....	1,250 00	
Sidewalk intersections, West Division.....	2,000 00	
Sidewalks, general repairs.....	5,000 00	
Rush street bridge.	95,000 00	
Harrison street viaduct.....	765 69	
Bridge Tenders' salaries.....	53,333 10	
Canal p'mping w'ks.	65,726 50	
Washington street tunnel.....	3,000 00	
La Salle street tunnel.....	3,000 00	
Fullerton Ave. conduit.....	20,000 00	
Lake park.....	2,000 00	
Ellis park.....	500 00	
Douglas Monument square.....	700 00	
Aldine square.....	500 00	
Vernon park.....	1,500 00	
Wicker park.....	2,000 00	
Wash'n'ton square.	1,000 00	
Campbell park....	250 00	
Carried forward.	$258,525 29	$1,165,517 01

Brought forward.	$258,525 29	$1,165,517 01	
Union square.....	500 00		
Public buildings...	15,630 00		
Salaries.....	59,366 67		
Street department office expense...	400 00		
Steam roller.....	7,000 00		
Commissioner's office expense.....	833 33		
Deficiency in collection of taxes....	15,634 00		
		357,889 29	
Deposited by Chicago Sectional Electric Underground Co.....		5,000 00	
Total receipts.			$1,528,406 30

EXPENDITURES.

Acc't Streets North Division :

Paid for—		
Labor on unimproved streets...	$20,734 12	
Paving and paving blocks.....	885 55	
Cleaning improved streets....	14,724 45	
Lumber....	1,368 91	
Tools and repairing.	30 50	
Hardware....	180 51	
Carried forward.	$37,924 04	

Brought forward.	$37,924 04	
Canvass and twine.	10 00	
Forfeit refunded...	96 95	
Rebate.....	10 75	
Oil and varnish....	3 51	
Gravel.....	511 55	
Resetting curb....	437 45	
1 blank book	3 00	
Brooms....	16 00	
Advertising.....	21 20	
		$ 39,034 45

Acc't Streets, South Division :

Paid for—		
Labor on unimproved streets...	$ 40,917 00	
Cleaning improved streets.....	40,904 54	
Tools and repairing.	139 50	
Cleaning vaults...	36 00	
Nails and general hardware..... ...	397 15	
Paving blocks.....	150 00	
Coal....	201 75	
Advertising	36 13	
Stone.....	153 20	
Brooms	16 00	
Sand and gravel...	1,009 12	
Forfeit refunded...	500 00	
Lumber.....	3,418 31	
Repairing steam roller.....	18 17	
Cement....	8 75	
Oil and varnish....	42 55	
Rebate.....	8 75	
1 Blank-book.....	4 80	
		87,961 72
Carried forward.		$126,996 17

Brought forward.		$126,996 17
Acc't, Streets, West Division:		
Paid for—		
Labor on unimproved streets...	$47,819 94	
Cleaning improved streets	28,817 78	
Coal	221 50	
Oil	33 80	
Repairing steam roller	535 43	
Brooms	4 00	
Re-setting curb ...	27 94	
Lumber	7,621 25	
Nails and general hardware	747 37	
Gasket and packing	10 43	
Gravel	369 50	
Tools, and repair'g.	239 15	
Stone and macadam	1,521 84	
Cinders	25 00	
Paving blocks	2,410 92	
Lamps, globes, etc.	2 30	
Rebate.....	5 50	
Forfeit refunded...	221 60	
Ground rent	221 66	
Advertising.....	37 50	
Blank books	6 00	
		90,900 41
Acc't, Union Park:		
Paid for—		
Labor and keeper's salary	$1,876 95	
Feed for animals..	335 56	
Hardware	28 45	
Carried forward.	$2,240 96	$217,896 58

Brought forward.	$2,240 96	$217,896 58
Lumber.....	93 18	
Storing plants.....	6 50	
Painting.....	229 47	
Repairing fountain.	69 65	
Coal.....	13 50	
Gravel.....	43 80	
Tools and repairing	20 87	
Glass.....	1 85	
Hose..... ..	18 75	
		2,738 53
Acc't, Jefferson Park:		
Paid for—		
Labor and keeper's salary.....	$1,414 50	
Lumber.....	49 21	
Painting	11 44	
Repairing fountain.	28 37	
Iron railing.....	69 00	
Coal.....	2 25	
Sand.....	9 50	
Tools.....	10 00	
Hardware	7 51	
Oil.....	16 38	
		1,618 16
Acc't, Vernon Park:		
Paid for—		
Labor and keeper's salary	$1,292 25	
Feed for animals ..	4 00	
Hardware	7 45	
Repairing fountain.	12 00	
Seed	2 50	
Oil.....	8 28	
Plumbing.....	5 00	
		1,331 48
Carried forward.		$223,584 75

Brought Forward.		$223,584 75
Acc't, Lake Park:		
Paid for—		
Labor and keeper's salary	$1,927 87	
Painting	25 00	
Sand	12 80	
Tools and repairing	21 55	
Hose and coupling.	29 75	
Trees	20 00	
Oil	4 50	
		2,041 47
Acc't, Wicker Park:		
Paid for—		
Labor and keeper's salary	$735 00	
Constructing sewer.	48 00	
Painting	5 00	
Tools and repairing	1 45	
Advertising	15 60	
Coal	4 50	
Hardware	8 10	
Lumber	23 18	
Fence	948 87	
		1,789 70
Acc't, Washington Square:		
Paid for—		
Labor and keeper's salary	$ 720 00	
Repairing mowers.	5 75	
Sprinkling around park	120 00	
		845 75
Carried forward.		$228,261 67

Brought forward.		$228,261 67
Acc't, Ellis Park:		
Paid for—		
Keeper's salary....	$ 600 00	
For hose & coupli'g	20 00	
		620 00
Acc't, Douglas Monument Square:		
Paid for—		
Lawn mower and hose	$ 45 25	
Keeper's salary....	600 00	
		645 25
Acc't, Campbell Park:		
Paid for—		
Repairing fence....	$ 16 00	
Repairing fountain.	20 00	
Cinders and earth-filling.....	213 60	
		249 60
Acc't, Aldine Square:		
Paid for—		
Coal	$ 100 00	
Keeper's salary....	400 00	
		500 00
Acc't, Union Square:		
Paid for—		
Earth-filling.....		500 00
Acc't, Sidewalk Intersections:		
Paid for—		
Lumber.....	$2,006 78	
Nails.....	23 00	
Labor.....	10 92	
		2,040 70
Carried forward.		$232,817 22

Brought forward.		$232,817 22
Acct Washington Street Tunnel:		
Paid for—		
Labor & Engineers' salary	$1,401 16	
Coal	121 50	
Pipe fitting	43 43	
Hardware	22 02	
Plumbing	5 65	
Salt	3 35	
Repairing boiler	28 50	
Lumber	190 00	
Advertising	6 81	
White-washing	200 00	
Grate and castings.	11 10	
Oil	1 44	
Roofing engine-house	27 62	
Packing	4 02	
		2,066 60
Acc't La Salle Street Tunnel:		
Paid for—		
Labor & Engineer's salary	$3,607 96	
Repairing tools and machine work	63 00	
Coal	79 50	
Stone	708 45	
Teaming	280 87	
Cement	120 00	
Stone rollers	10 50	
Pipe railing	14 10	
Hardware	5 30	
Sand	8 50	
Carried forward.	$4,898 18	$234,883 82

Brought forward.	$4,898 18	$234,883 82
Lumber.....	2 42	
Advertising.....	6 81	
Steam-fitting.....	11 00	
Use of derrick.....	72 00	
Paint and oil.....	2 45	
White-washing....	175 00	
		5,167 86

Acc't Chicago Harbor:

Paid for—		
Tug service.....	$ 96 20	
Paint and oil.....	11 20	
Lumber.....	10 37	
Blacksmithing.....	9 10	
Chain.....	14 64	
Dredging.....	60 55	
Dredging Ogden slip.....	2,784 29	
Advertising.....	30 85	
Harbor-masters' salaries and labor..	4,414 36	
		7,431 56

Acc't Bridge Department:

a.—Repairs bridges and approaches.

Paid for—		
Labor.....	$25,347 08	
Lumber.....	17,850 56	
Iron—and machine work.....	3,033 17	
Coal.....	1,095 84	
Nails and general hardware.....	1,068 80	
Carrried forward.	$48,395 45	$247,483 24

Brought forward.	$48,395 45	$247,483 24
Building docks and piling	2,671 35	
Rope and chain	464 91	
Tools	228 12	
Turn-table track & wheels	286 07	
Steel rails	101 90	
Cement	14 10	
Stone	7 15	
Patterns	39 24	
Tug service	33 00	
Stone cutting	7 50	
Sash and mouldings.	208 79	
Ground rent	200 01	
Repairing scale	27 00	
Paint, oil & brushes.	834 64	
Plastering	2 00	
Castings	404 06	
Repairing roofs	184 11	
Freight	3 68	
Painting	55 00	
Bolts and washers.	250 65	
Damages to vessels.	705 55	
Plumbing and pipe-fitting	124 02	
Lanterns, globes, chimneys, etc.	315 60	
Clocks & repairing.	19 20	
Building curb-wall.	30 80	
Advertising and printing	27 32	
		55,641 22
Carried forward.		$303,124 46

Brought forward.		$303,124 46
b.—Repairs of Viaducts:		
Paid for—		
Labor.....	$5,190 83	
Lumber	2,087 51	
Hardware	144 83	
Rope....	1 55	
Use of derrick.....	18 00	
		7,442 72

Acc't Chicago Avenue Viaduct:

Paid for—		
Labor.....$	17,679 07	
Sub-structure	139,071 03	
Super-structure ...	95,887 00	
Raising Halsted St. bridge	10,490 00	
Coal.....	7 50	
Tug service.....	256 86	
Paint and oil.....	4 34	
Roofing	7 00	
Hardware....	583 40	
Sand.....	14 00	
Lumber.....	7,109 41	
Paving.....	157 97	
Teaming.....	70 00	
Plumbing.....	242 89	
Wood curbing.....	18 68	
Building roadway..	200 00	
Repairing tools....	62 30	
Blue prints of plans.	112 68	
Building sidewalks.	379 76	
Printing specifications.....	14 50	
Carried forward.	$272,368 39	$310,567 18

Brought forward.	$272,368 39	$310,567 18
Appraising damages	75 00	
Advertising	24 11	
Raising buildings	27,015 00	
		299,482 50

Acc't Centre Avenue Viaduct:

Paid for—		
Labor	$ 6,726 29	
Sub-structure	77,737 33	
Superstructure	61,280 00	
Lumber	2,880 88	
Plumbing	195 57	
Constructing sidewalks	476 25	
Teaming	87 50	
Hardware	166 15	
Blue prints of plans	37 33	
Print'g specifi'tions	7 00	
Paints and oils	10 50	
Raising buildings	29,570 00	
Advertising	41 64	
		179,216 44

Acc t, Erie Street Viaduct:

Paid for—		
Labor	$2,169 51	
Stone	487 61	
Cement	25 00	
Rope and blocks	28 98	
Sand	50 00	
Blue prints	40 25	
Advertising	44 16	
Print'g specifi'tions	11 00	
		2,856 51
Carried forward.		$792,122 63

Brought forward.		$792,122 63
Acc't, W. Twelfth St. Viaduct:		
Paid for—		
Labor.....	$ 750 75	
Sub-structure	12,572 02	
Superstructure....	18,440 00	
Stone cutting.....	20 63	
Teaming	14 00	
Printing specifi'tions	18 75	
Advertising.....	26 49	
Blue prints	18 50	
		31,861 14
Acc't, Adams St. Viaduct:		
Paid for—		
Engineering and draughting .....$	45 00	
Print'g specifi'tions.	11 50	
Advertising	8 10	
Blue prints	48 92	
		113 52
Acc't, Harrison St. Viaduct:		
Paid for—		
Raising building & constructing sidewalk		441 80
Acc't, Rush St. Bridge:		
Paid for—		
Engineering and labor.....$	5,737 74	
Advertising.....	144 72	
Printing specifi'ions	21 50	
Carried forward.	$5,903 96	$824,539 09

Brought forward.	$5,903 96	$824,539 09
Blue prints of plans	62 27	
Center pier and abutments	56,417 57	
Protection	10,329 16	
Superstructure	49,370 00	
Machinery	6,230 62	
Retaining walls and docks	3,925 00	
Iron-work and castings	2,621 93	
Electric light	48 50	
Teaming	70 38	
Lumber	929 26	
Hardware	115 40	
Paving	707 04	
Coal	14 00	
Earth-filling	125 00	
Plumbing	14 14	
One gong	4 50	
One bell	45 00	
Stone cutting	25 00	
Freight	1 15	
Pumps	310 50	
Engine	288 00	
Illus'tions of bridge	100 00	
		137,658 38

Acc't, Bridgeport Pumping Works:
(CONSTRUCTION.)

Paid for—		
Labor	$ 1,008 88	
Lumber	129 30	
Tug service	12 00	
Pipe and fittings	1 57	
Bricks	83 75	
Carried forward.	$1,235 50	$962,197 47

Brought forward.	$1,235 50	$962,197 47
Cement	42 25	
Hardware	3 14	
		1,280 89

Acc't, Bridgeport Pumping Works:

(Operating and Maintenance.)

Paid—

Engineers, firemen, oilers & laborer's	$11,158 67	
Oil	909 22	
Coal	17,970 59	
Hardware.....	39 29	
Rope and blocks ..	9 90	
Lamps	15 62	
Pipe and fitting...	78 68	
Fire clay.....	6 00	
Castings.....	53 12	
Valves and springs.	47 00	
Lime	4 00	
Tools and repairing	45 95	
Gauge glasses.....	5 28	
Sewer pipe	44 00	
Lubricators.....	51 00	
Diving	60 00	
Teaming	49 25	
Lumber	131 07	
Two water meters.	202 70	
Waste packing and gaskets.....	86 92	
Gunny bags	1 44	
Attending & maintaining lock.....	1,400 00	
Iron-work	160 01	
Stove and pipe....	8 65	
Blankets & bedding	24 00	
Carried forward.	$32,562 36	$963,478 36

Brought forward.	$32,562 36	$963,478 36
Repairing boat....	4 97	
Log book.....	7 67	
Advertising.....	12 48	
		32,587 48

Acc't, Fullerton Avenue Conduit :

Paid—		
Engineer's, firemen, oiler's & laborer's	$6,832 64	
Oil	1,157 87	
Waste, packing and gaskets.....	56 49	
Soap.....	6 99	
Steam fitting	14 56	
Rope....	5 25	
Steam hose.....	13 00	
Rep'ring machinery	48 06	
Coal.....	11,353 39	
Scoops and brooms.	5 94	
Hardware....	14 21	
Fire-bricks and cement.....	31 00	
I-beams....	39 17	
Pipe covering.....	69 14	
Stabling expenses..	181 64	
Teaming.....	56 88	
Lumber....	16 24	
Valves....	59 11	
Ventilator	8 75	
Roofing—felt.	33 50	
Sewer pipe.....	23 00	
Lamps, chimneys, etc., etc.....	9 80	
1 Scale.....	200 00	
1 Bell.....	10 00	
		20,246 63

Carried forward.	$1,016,312 47

Brought forward.		$1,016,312 47
Acc't Street Lamps:		
Paid for—		
Labor	$3,796 26	
Lamps and posts	2,480 88	
Street signs	1,278 25	
Glass	4,330 41	
Lamp fixtures	4,569 15	
Paint and oil	127 23	
Repairing lamp-posts	50 00	
Gas	14 88	
Charcoal	31 00	
Lava-tips and burners	115 36	
Coke	20 00	
Tin	416 10	
Solder	150 00	
Hardware	236 74	
Sheet iron	9 54	
Tools and blacksmithing	142 24	
Shop rent	420 00	
Repairing harness.	9 05	
Horse feed	112 51	
Advertising	53 83	
		18,363 43
Acc't Special Assessments:		
Paid for—		
Making assessments	$7,113 00	
Advertising	4,708 54	
Postage	729 15	
Court fees	3,674 00	
Engineering and inspecting	8,502 33	
Carried Forward.	$24,727 02	$1,034,675 90

Brought forward.	$24,727 02	$1,034,675 90
Extra clerical services	2,169 99	
Books, printing and stationery	489 73	
Legal expenses	2,182 90	
Collecting assessments	20,491 02	
Subscription to Legal News	2 20	
Use of horse and buggy	48 00	
Care-fare	35 08	
1 City directory	5 00	
		50,150 94
Acc't Public Benefits:		
Paid for—		
Improv'g city's portion of streets, paved during the year		290,528 46
Acc't Public Buildings:		
Paid for—		
Labor (cleaners, janitors, etc)	$7,552 74	
Brooms, d'st'rs, soap, etc	137 02	
Coal	3,361 39	
Gas	2,941 26	
Paint and oil	58 85	
Steam-fitting	53 56	
Plumbing	77 06	
Towels	13 50	
Carried forward.	$14,195 38	$1,375,355 30

Brought forward.	$14,195 38	$1,375,355 30	
Glass	5 10		
Lock-smithing	10 50		
Lumber	24 30		
Hardware	37 27		
Grate bars	19 44		
Ventilator	4 20		
Advertising	10 28		
Curbing around new City Hall	649 28		
Sprinkling	200 00		
Ice	50 58		
		15,206 33	

Acc't House-Moving Permits:

Paid for—		
Blank-books and stationery	$ 120 75	
Inspection and clerical services	1,850 00	
		1,970 75

Acc't Salaries:

Paid—		
Salaries of employes in Commissioner's office (⅓)	$4,908 31	
In City Engineer's office	2,995 33	
In street departm't.	21,777 08	
In special assessment office	14,173 13	
In map office	4,200 00	
Of bridge-tenders	52,738 88	
		100,792 73
Carried forward.		$1,493,325 11

Brought forward.		$1,493,325 11
Acc't Office Expenses:		
a.—Commissioners—and City Engineer's Office:		
Paid for—		
Blank-books and stationery	$155 99	
Car-fares	46 66	
Draught'g material.	63 70	
Annual report (on account)	500 00	
Carriage hire	20 00	
Repairing instruments	23 00	
Newspapers	14 18	
	$823 53	
b.—Street Department.		
Paid for—		
Blank-books, printing and station'ry	144 95	
Postage	129 27	
2 City directories	10 00	
Car-fare	284 84	
Repairing instruments	12 50	
Tape-lines & hardware	16 10	
		1,421 19
Miscellaneous Expenditures:		
Ref'nd'd R. Stewart, on account of his deposit for replacing pavement (for Chicago Sect'l Electric Underground Co.)		4,500 00
Total expenditures		$1,499,246 30

CITY HALL FUND.

RECEIPTS.

Am't appropriated by City Council..	$153,750 00	
Am't received from Comptroller.....	157,450 91	
Total receipts.		$311,200 91

EXPENDITURES.

Paid on contracts, as follows:		
Wm. Swissler—window glass.....	$14,114 00	
John Davis & Co.—heating apparatus	12,500 00	
Manning & Phillips—frescoing Council Chamber.....	600 00	
Manning & Phillips—painting iron-work.....	807 50	
Angus & Gindele—fire-alarm—tun'l.	667 97	
Alex. Watson—plumbing & gas-fitting.....	4,284 00	
Burlington Mfg. Co.—tiling and marble work.....	48,450 00	
Smith & Crimp—plastering.....	19,763 65	
A. E. Fortin—carpenter work.....	13,000 00	
Carried forward.	$114,187 12	

Brought forward.	$114,187 12	
Cudell & Meissner —carpenter work	62,475 00	
Matt. Taylor—granolithic sidewalk..	8,030 00	
Kellogg, Johnson & Bliss—hardware.	6,213 48	
Diebold Safe and Lock Co.—vault-doors....	3,831 00	
Phœnix Furniture Co.—furniture for Council Chamber.	6,872 00	
Corboy, Wingrave & McNaughton Co. —gas fixtures —Council Chamber.....	1,145 00	
Edward Swiney—fixed furniture..	5,950 00	
		$208,703 60

Miscellaneous Expenses:

Paid for—		
Coal.....$	7,613 04	
Labor.....	18,209 11	
Firing boilers.....	3,078 14	
Draughting material, etc.....	113 00	
Printing specifications.....	52 50	
Bricks.....	87 50	
Brooms & brushes.	13 20	
Wheelbarrows and hardware.....	54 04	
Lime and cement..	267 75	
Carried forward.	$29,488 28	$208,703 60

Brought forward,	$29,488 28	$208,703 60	
Oil	18 06		
Sand and gravel	317 00		
Rope	10 22		
Iron-work	168 76		
Lumber	39 65		
Blue prints	8 40		
Vault fronts	495 00		
Plumbing	31 67		
Decorating & marbling	236 29		
Draining and ventilation	367 38		
Rubber packing	34 56		
Steam fitting	291 20		
Paving in basement	1,475 78		
Wood carving	249 50		
Carpets & furniture.	1,316 31		
Torch-lamps	2 40		
Use of temporary windows	692 54		
Carpenter work	1,417 62		
Teaming	168 00		
Painting signs	6 00		
Freight	1 30		
Traveling expenses.	14 65		
1 Drop-light	8 00		
Advertising	543 53		
		37,402 10	
Total expenditures.			$246,105 70

TRIAL BALANCE.

LEDGER, DEPARTMENT OF PUBLIC WORKS, CHICAGO, DEC. 31, 1884.

	Dr.	Cr.
Water Fund	$ 797,817 94	
Water Works	10,099,658 07	
Water Works Income		$15,530,071 61
Water Fund suspended acc'ts	180,292 72	
Water Fund, Gen'l Taxes		2,713,878 53
Water-loan Bonds, 6%		133,000 00
Water-loan Bonds, 7%		3,490,000 00
Water-loan Bonds, $3\frac{65}{100}\%$		333,000 00
Water-loan Bonds canceled		858,000 00
Water-loan Interest	5,407,008 93	
Water W'ks exp'ses & repairs	6,471,546 47	
American Exchange Natl. Bank, N. Y.	118,152 15	
F. C. Meyer, Book-keeper	300 00	
J. W. Lyons, Cashier	191 88	
Meter Department, Stock Account	10,550 00	
Tapping Department, Stock Account	4,021 40	
Hydrant Wrenches		460 00
North-Western Leather Co.		1,026 90
A. T. Ewing		437 70
Archbishop Feehan		1,773 43
Ogden, Sheldon & Co.		1,734 98
Barritt, Todd & Cochran		250 00
John Tyrrell		150 00
Wm. Graydon		250 00
Zuellsdorf & Roeder		675 57
Carried forward.	$23,089,539 56	$23,064,708 72

	Dr.	Cr.
Brought forward.	$23,089,539 56	$23,064,708 72
John D. Parker		2,381 97
W. Chicago Park Commissioners.....		1,130 57
H. A. Goodrich.....		401 92
J. A. Hamilton and E. N. Tailor.....		2,875 67
S. H. Wheeler		250 32
Rathbone, Sard & Co.....		300 00
C. J. L. Meyer.....		200 00
N. Chicago City R'y Co...		425 00
The Peshtigo Co.....		300 00
T. Myers.....		1,313 77
Albert Crane		560 00
Fuller, Warren & Co		250 00
Wm. D. Kerfoot & Co.....		611 40
Julia F. Porter.....		185 90
Chicago Canal & Dock Co..		1,166 43
Adele F. Adams.....		638 10
Chicago & Alton R. R. Co.		4,303 06
Clara F. Bass.....		1,195 80
Board of Education.....		800 00
W. H. Walker.....		365 00
A. C. Barney.....		741 73
Percy W. Palmer.....		1,701 32
J. Q. Adams.....		124 69
Thos. Emery's Sons.....		437 70
Conrad Seipp.....		431 00
J. J. Mitchell by Ernst Prussing		399 40
E. A. Cummings & Co.....		800 19
Willis G. Jackson		102 35
Wm. Owen.....		437 55
Sewerage Surplus Account.		5,082 59
Sewerage Stock Account...	5,082 59	
Carried forward.	$23,094,622 15	$23,094,622 15

	Dr.	Cr.
Brought forward.	$23,094,622 15	$23,094,622 15
Galena & Chicago Union R. R. Co.		382 55
C. B. & Q. R. R. Co.		6,744 01
General Fund	7,126 56	
Sewerage Fund	4,267 33	
Sewers, N. Division	1,193,943 30	
Sewers, S. Division	1,724,789 12	
Sewers, W. Division	3,459,859 78	
Sewerage Fund, Suspended Accounts	111,548 77	
Sewerage Loan Bonds, 4%		458,000 00
Sewerage Loan Bonds, 7%		1,675,000 00
Sewerage Loan Bonds, 4½%		489,500 00
Sewerage Loan Bonds canceled		377,500 00
Sewerage Fund, Gen'l Taxes		3,475,574 03
Premium Account		3,523 11
Sewer Pipe Account	3,789 27	
Iron Covers Account	7,968 00	
Sewer Brick Account	6,686 50	
Cement Account	3,118 65	
Sand Account	386 50	
Wooden Covers Account	9,211 67	
H. C. Barny		700 00
E. N. Tailor and J. A. Hamilton		6,596 77
Briggs & Warren		250 00
John T. Davis		1,000 00
Turner & Bond		1,540 00
Agnes F. Irons		225 00
G. E. Adams		205 63
Jas. Morgan		543 63
Ogden, Sheldon & Co.		2,398 00
A. S. Maltman		600 00
Carried forward.	$29,627,317 60	$29,594,904 88

	Dr.	Cr.
Brought forward.	$29,627,317 60	$29,594,904 88
W. Chicago Park Commissioners		8,458 07
North Chicago City R. R. Co.		916 95
Mead & Coe, Agents		742 00
Catholic Bishop of Chicago.		4,805 00
Chi. Malleable Iron Works.		826 05
Board of Education		4,677 50
Ed. Foster		650 00
David Davis		1,510 15
A. T. Ewing		788 05
Estate of H. O. Stone		300 00
James H. Dole		200 00
Geo. P. A. Healy		685 00
T. Crumbaugh		285 00
C. J. Hull		306 00
U. P. Smith		500 00
Thos. Emery's Sons		250 00
John Oliver		200 00
R. T. Crane		425 00
Fred. Kuehl		100 00
Trustees Presbyt'ian Theo. Seminary		1,397 50
Porter Bros		305 45
Wilhelm Pauli		100 00
S. E. Gross		182 25
Robert L. Martin		299 00
Turner & Bond Agents		1,300 00
Hugh Copeland		125 00
Baird & Bradley		1,415 00
Franz Schack		350 00
Wm. W. Phelps		313 75
Appropriation Fund	185,405 94	
J. W. Lyons, Cashier	308 12	
Warrant No. 480		308 12
Carried forward.	$29,813,031 66	$29,627,625 72

	Dr.	Cr.
Brought forward.	$29,813,031 66	$29,627,625 72
Public Benefits.....		78 17
R. Stewart		463 00
Stock Account.....	5,982 32	
Steam Roller		7,000 00
Deering Street Bridge.....		5,000 00
Taylor Street Bridge.....		5,000 00
Webster Avenue Bridge....		5,000 00
State Street Viaduct		7,500 00
Twelfth Street Viaduct....		25,000 00
Erie Street Viaduct		42,534 59
Centre Avenue Viaduct....		19,813 38
Chicago Avenue Viaduct ..		14,156 96
Surplus Account.....		32,149 27
Bridgeport Pumping Works.		27,628 31
Special Assessments.....		64 58
Advances for Intersections.	7,866 87	
J. H. Tiedeman, Agent.....		602 75
H. A. Goodrich, Agent.....		602 74
Asphalt Block Mfg Co.....		6,661 38
City Hall Appropriations...		1,561,476 84
New City Hall.....	1,496,973 88	
City Hall Fund.....	64,502 96	
	$31,388,357 69	$31,388,357 69

Respectfully submitted,

F. C. MEYER, *Book-keeper.*

DEPARTMENT OF POLICE.

REPORT

OF THE

GEN'L SUPERINTENDENT OF POLICE

OF THE

CITY OF CHICAGO,

TO THE

CITY COUNCIL,

FOR THE FISCAL YEAR ENDING DECEMBER 31, 1884.

CHICAGO:
GEO. K. HAZLITT & CO., PRINTERS, 172 AND 174 CLARK STREET.
1885.

OFFICE OF THE

General Superintendent of Police.

CHICAGO, ILL., JANUARY 1, 1885.

To the Honorable, the City Council of the City of Chicago:

GENTLEMEN:—I have the honor to submit herewith the annual report of the Department of Police for the year ending December 31, 1884.

The total expenditures of the department during the year, as shown in detail by the report of the Secretary, a copy of which is hereunto appended, was $779,921.45.

The total (estimated) value of property in the department is $372,733.79, being $9,314.70 in excess of the value of property on hand at date of last report.

The estimated expense of running the department during the year 1885, including proposed increase in the present force, is $998,066 85.

The total number of men constituting the Police force at date is 924, assigned to duty as follows:

General Superintendent	1
Secretary and Inspector	1
Captains	5
Lieutenants	23
Sergeants	18
Clerks	3

Custodian	1
Desk Sergeants	35
Lock-up keepers	5
Police court bailiffs	4
Pound keepers	3
On permanent post duty	91
On patrol duty (first-class 276, second-class 300)	576
Detailed in signal service	84
Detailed in plain dress	74
Total	924

This force is distributed for duty in the different Police precincts and districts throughout the city, as follows:

At Police Headquarters there are fifty-three men, including officers, and all other details.

CENTRAL DETAIL.

The central detail is comprised of men permanently stationed at street crossings, bridges, tunnels, railroad depots, etc., with headquarters at Central Station. The command at present numbers: one Lieutenant, one Sergeant, and ninety-nine Patrolmen, six of whom are detailed for duty on Police telegraph wagon.

FIRST PRECINCT.

HARRISON STREET STATION.

Corner Pacific Avenue and Harrison Street.

At this station there are sixty-three men on duty, including officers, as follows:

Captain	1
Lieutenants	2
Sergeant	1
Desk Sergeants	2
Lock-up keepers	2
Police court bailiff	1
Pound keeper	1
Patrolmen on patrol duty	45
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	63

The district patrolled by the force at this station is bounded north by the Chicago river, south by the Union railroad track—near Sixteenth street, east by Lake Michigan, and west by South Branch of the Chicago river. The district contains the greater portion of the wholesale, mercantile and banking interests of the city, and has an area of about one and one-eighth square miles of territory, containing about 35,000 inhabitants.

TWENTY-SECOND STREET STATION.

Cor. Wentworth Avenue and Twenty-second Street.

At this station there are forty-eight men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	36
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	48

The district patrolled by the force at this station is bounded north, from South Halsted street to Lake Michigan by the South Branch of the Chicago river and the Union railroad track, near Sixteenth street; on the east, from Sixteenth street to Twenty-second street by Lake Michigan, and from Twenty-second street to Thirty-first street by State street; on the south, from Lake Michigan to State street by Twenty-second street, and from State street to Halsted street by Thirty-first street; and on the west, from Thirty-first street to the South Branch of the Chicago river by South Halsted street. The district embraces an area of about one and five-eighths square miles, containing about 50,000 inhabitants.

COTTAGE GROVE AVENUE STATION.

No. 171 Cottage Grove Avenue.

At this station there are forty-six men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	36
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	4
Total	46

The district patrolled by the force at this station is bounded north by Twenty-second street, south by the city limits, on the east by lake Michigan, and on the west by State street; embracing an area of about two square miles, and containing a population of about 60,000.

THIRTY-FIFTH STREET STATION.

Thirty-fifth Street—East of Halsted Street.

At this station there are thirty-four men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	24
Patrolmen detailed in signal service	4
Patrolmen detailed in plain dress	2
Total	34

The district patrolled by the force at this station is bounded north by Thirty-first street, south by the city limits, east by State street, and west by Ashland avenue; the area is two square miles, containing a population of about 25,000.

SECOND PRECINCT.

WEST TWELFTH STREET STATION.

Corner West Twelfth and Johnson Streets.

At this station there are seventy-nine men on duty, including officers, as follows :

Captain	1
Lieutenants	2
Sergeant	1
Desk Sergeants	2
Lock-up keeper	1
Police court bailiff	1
Pound keeper	1
Patrolmen on patrol duty	62
Patrolmen detailed in signal service	6
Patrolmen detailed in plain dress	2
Total	79

The force at this station patrols the district bounded north by West Harrison street, east by the South Branch of the Chicago river, south by West Sixteenth street, and west by the city limits; embracing an area of about four square miles, and containing a population of about 55,000.

HINMAN STREET STATION.

Corner Hinman and Paulina Streets.

At this station there are forty-nine men on duty, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	37
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	49

The district patrolled by the force at this station is bounded north by West Sixteenth street, south and east by the South Branch of the Chicago river, and west by the city limits; an area of about four and a half square miles, containing a population of about 30,000.

DEERING STREET STATION.

No. 122 Deering Street.

At this station there are thirty-five men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	25
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	4
Total	35

The district patrolled by the force at this station is bounded north by the South Branch of the Chicago river, on the south from South Halsted street to Ashland avenue by Thirty-first street, and from Ashland avenue west to the south city limits; on the east from the South Branch of the Chicago river to Thirty-first street by Halsted street, and from Thirty-first street to the south city limits by Ashland avenue, and on the west by the west city limits; an area of about three and a half square miles, containing about 25,000 inhabitants.

THIRD PRECINCT.

DESPLAINES STREET STATION.

Corner Desplaines Street and Waldo Place.

At this station there are seventy-three men on duty, including officers, as follows:

Captain	1
Lieutenants	2
Sergeant	1
Desk Sergeants	2
Lock-up keepers	2
Police court bailiff	1
Patrolmen on patrol duty	55
Patrolmen detailed in plain dress	3
Patrolmen detailed in signal service	6
Total	73

The district patrolled by the force at this station is bounded on the east by the South Branch of the Chicago river, west by Centre avenue and Ann street, north by Kinzie street, and south by West Harrison street; embracing an area of about one square mile, containing a population of about 70,000.

WEST MADISON STREET STATION.

West Madison Street, West of Western Avenue.

At this station there are thirty-one men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	21
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	4
Total	31

The district patrolled by the force at this station is bounded north by West Kinzie street, south by West Harrison street, east by Hoyne avenue and west by the city limits. The territory patrolled is about two and one-fourth square miles, and contains a population of about 30,000.

WEST LAKE STREET STATION.

No. 609 West Lake Street.

At this station there are forty-two men for duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	30
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	42

The force on duty at this station, parols the district bounded north by West Kinzie street, south by West Harrison street, east by Centre aveuue and Ann street, and west by Hoyne avenue; an area of one and one-fourth square miles, containing a population of about 45,000.

FOURTH PRECINCT.

WEST CHICAGO AVENUE STATION.

No. 233 West Chicago Avenue.

At this station there are sixty-one men on duty, including officers, as follows:

Captain	1
Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	46
Patrolmen detailed in plain dress	4
Patrolmen detailed in signal service	6
Total	61

The force on duty at this station patrol the district bounded north by Augusta street, south by West Kinzie street, east by the North Branch of the Chicago river, and west by the city limits—two and three-fourths square miles, containing a population of about 80,000.

WEST NORTH AVENUE STATION.

West North Avenue, near Milwaukee Avenue.

At this station there are twenty-seven men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	19
Patrolmen detailed in signal service	4
Total	27

This district is bounded, on the north from Ashland avenue to Western avenue by Armitage road, and from Western avenue to the city limits by West North avenue; on the south by Augusta street, east by Ashland avenue, and west by the city limits. The area is about two square miles, and the population about 20,000.

RAWSON STREET STATION,

At No. 34 Rawson Street.

At this station there are twenty-eight men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	20
Patrolmen detailed in signal service	4
Total	28

The Rawson street district is bounded on the north by Fullerton avenue, on the south from Western avenue to North Ashland avenue by Armitage road, and from North Ashland avenue to the Chicago river by Augusta street, thence south-easterly along said river to its intersection with the North Branch canal; on the east by the North Branch canal to North avenue, and from North avenue to city limits by the North Branch of the Chicago river; on the west from Augusta street to Armitage road by North Ashland avenue, and from Armitage road to the north city limits by Western avenue.

FIFTH PRECINCT.

CHICAGO AVENUE STATION.

Between North Clark and La Salle Streets.

At this station there are sixty-four men on duty, including officers, as follows:

Captain	1
Lieutenants	2
Sergeant	1
Desk Sergeants	2
Police court bailiff	1
Pound keeper	1
Patrolmen on patrol duty	48
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	64

The force on duty at this station patrol the district bounded north by Division street, south by the Chicago river, east by Lake Michigan, and west by the

North Branch of the Chicago river to its intersection with the North Branch canal, thence along the said North Branch canal to Division street. The district contains an area of one and one-fourth square miles, with a population of 40,000.

LARRABEE STREET STATION.

Corner North Avenue and Larrabee Street.

At this station there are forty-eight men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	36
Patrolmen detailed in plain dress	2
Patrolmen detailed in signal service	6
Total	48

The district patrolled by the force at this station is bound by Willow and Menomonee streets on the north, Division street on the south, Lake Michigan on the east, and North Branch canal on the west; embracing an area of one and three-twentieths square miles, containing a population of 55,000.

WEBSTER AVENUE STATION,

At No. 452 Webster Avenue.

At this station there are forty-two men on duty, including officers, as follows:

Lieutenant	1
Sergeant	1
Desk Sergeants	2
Patrolmen on patrol duty	36
Patrolmen detailed in plain dress	2
Total	42

The district patrolled by the force at this station is bounded by Fullerton avenue on the north, Willow and Menomonee streets on the south, Lake Michigan on the east, and the North Branch of the Chicago river on the west. The area is about one and one-tenth square miles, and the population 40,000.

PRECINCTS, AND CAPTAINS IN CHARGE.

The First Precinct includes the Harrison street, Twenty-second street, Cottage Grove avenue and Thirty-fifth street districts, and is commanded by Captain Fred Ebersold. Office located at Harrison street station.

The Second Precinct includes the West Twelfth street, Hinman street and Deering street districts, and is commanded by Captain Simon O'Donnell. Office located at West Twelfth street station.

The Third Precinct includes the Desplaines street, West Madison street, and West Lake street districts, and is commanded by Captain John Bonfield. Office located at Desplaines street station.

The Fourth Precinct includes the West Chicago avenue, West North avenue, and Rawson street districts, and is commanded by Captain Amos W. Hathaway. Office located at West Chicago avenue station.

The Fifth Precinct includes the Chicago avenue, Larrabee street, and Webster avenue districts, and is commanded by Captain William Buckley. Office located at Chicago avenue station.

RECAPITULATION.

STATIONS.	General Superintendent.	Secretary and Inspector.	Captains.	Lieutenants.	Patrol Sergeants.	Clerks.	Custodian.	Desk Sergeants.	Lock-up Keepers.	Police Court Bailiffs.	Pound Keepers.	Patrolmen on Permanent Post Duty.	Patrolmen on Patrol Duty.	Patrolmen Detailed in Plain Dress.	Patrolmen in Signal Service.	Disabled.	TOTALS
Central Station	1	1	....	2	1	3	1	3	....	....	....	....	....	41	....	....	53
Central Detail	....	....	....	1	1	....	....	....	....	....	....	91	....	2	6	....	101
Harrison Street Station	....	....	1	2	1	....	....	2	2	1	1	....	45	2	6	....	63
Twenty-second Street Station	....	....	....	1	1	....	....	2	....	....	....	....	36	2	6	....	48
Cottage Grove Avenue Station	....	....	....	1	1	....	....	2	....	....	....	....	36	2	4	....	46
Thirty-fifth Street Station	....	....	....	*1	1	....	....	2	....	....	....	....	24	2	4	....	34
West Twelfth Street Station	....	....	1	2	1	....	....	2	1	1	1	....	62	2	6	....	79
Hinman Street Station	....	....	....	1	1	....	....	2	....	....	....	....	37	2	6	....	49
Deering Street Station	....	....	....	1	1	....	....	2	....	....	....	....	25	2	4	....	35
Desplaines Street Station	....	....	1	2	1	....	....	2	2	1	....	....	55	3	6	....	73
West Madison Street Station	....	....	....	1	1	....	....	2	....	....	....	....	21	2	4	....	31
West Lake Street Station	....	....	....	1	1	....	....	2	....	....	....	....	30	2	6	....	42
West Chicago Avenue Station	....	....	1	1	1	....	....	2	....	....	....	....	46	4	6	....	61
West North Avenue Station	....	....	....	1	1	....	....	2	....	....	....	....	19	....	4	....	27
Rawson Street Station	....	....	....	1	1	....	....	2	....	....	....	....	20	....	4	....	28
Chicago Avenue Station	....	....	1	2	1	....	....	2	....	1	1	....	48	2	6	....	64
Larrabee Street Station	....	....	....	1	1	....	....	2	....	....	....	....	36	2	6	....	48
Webster Avenue Station	....	....	....	1	1	....	....	2	....	....	....	....	36	2	....	....	42
	1	1	5	23	18	3	1	35	5	4	3	91	576	74	84	....	924

*Acting.

The following tabular statements will show in detail the number of arrests made, duties performed by the Police Telegraph service, amount of fines imposed, value of property reported stolen, value of stolen property recovered, fugitives from justice apprehended, charges, nationalties, occupations, etc., for the year, all of which is respectfully submitted.

AUSTIN J. DOYLE,

General Superintendent of Police.

Total number of arrests, ... 39,434
Total amount of fines imposed, . . . $229,230

NUMBER OF ARRESTS AND AMOUNT OF FINES EACH MONTH.

MONTHS.	No. of Arrests.	Amount of Fines.
January	2,372	$15,502
February	2,442	16,823
March	2,752	17,658
April	2,775	17,614
May	4,157	18,780
June	4,392	23,273
July	4,350	19,516
August	4,075	27,115
September	3,810	23,123
October	3,084	18,589
November	2,421	14,948
December	2,804	16,289
Total	39,434	$229,230

Males or Females.	No.	Married or Single.	No.
Males	30,887	Married	9,590
Females	8,547	Single	29,844
Total	39,434	Total	39,434

VALUE OF PROPERTY REPORTED STOLEN, AND VALUE OF LOST AND STOLEN PROPERTY RECOVERED.

1884.	Value of property reported stolen, including horses and vehicles.	Value of property of all kinds recovered.	Value of lost property recovered and returned to owners, part of which was never reported to the police as either stolen or lost.
January	$ 15,00 30	$ 10,135 01	$10,945 31
February	14,912 40	25,217 09	7 775 00
March	10,834 45	10,086 08	4,548 21
April	11,214 55	5,709 60	3,593 29
May	9,123 76	6,529 63	2,581 08
June	10,111 25	5,510 21	5,051 50
July	9,242 85	6,319 98	2,126 86
August	11,752 40	3,412 46	3,343 03
September	14,358 25	12,375 70	3,962 95
October	14,288 00	12,119 81	3,183 02
November	16,441 49	8,094 70	6,020 25
December	12,558 15	7,433 16	9,252 20
Total	$149,837 85	$112,943 43	$62,382 70

CLASSIFICATION OF AGES.

Number under 10 years of age	211
Number from 10 to 20 years of age	6,503
Number from 20 to 30 years of age	17,279
Number from 30 to 40 years of age	8,173
Number from 40 to 50 years of age	5,189
Number from 50 to 60 years of age	1,601
Number from 60 to 70 years of age	406
Number from 70 to 80 years of age	65
Number from 80 to 90 years of age	2
Total	39,434

NATIONALITIES.

	1884.	1883.	1882.	1881.	1880.	1879.
Americans	22,568	20,374	18,149	17,892	15,485	13,782
Americans, colored	2,160	2,015	1,462	1,426	1,366	1,175
Arabians	12					
Australians	5	8	17	40	27	7
Austrians	22	13	4	25	6	
Belgians	20	38	5	12	28	18
Bohemians	443	579	340	375	289	229
Canadians	484	473	485	579	476	413
Chinese	90	121	25	63	42	66
Cubans	7					
Danes	124	96	114	93	74	58
East Indians	1	1				
English	781	769	587	571	536	780
Finlander	1					
French	261	226	255	187	175	127
Germans	4,791	4,576	4,252	3,834	3,369	3,316
Greeks	49	39	46	20	23	9
Hollanders	28	45	19	24	11	14
Hungarians	2	2	7	1		11
Irish	4,921	5,408	4,894	4,696	5,014	5,398
Italians	392	283	181	164	134	131
Japanese	1					
Mexicans	1					
Norwegians	463	436	407	381	310	234
Polanders	680	659	578	524	249	116
Portuguese	1		2	2		1
Russians	39	45	34	48	47	38
Scotch	292	251	277	239	259	242
Spanish	13	3				
Swedes	726	683	654	461	497	520
Swiss	29	14	13	18	14	13
Turks			2			
Welsh	27	21	21	18	22	18
No age given		9				
Totals	39,424	37,187	32,800	31,713	24,480	27,336

DISPOSITION OF CASES.

	1884.	1883.	1882.	1881.	1880.	1879.
Number discharged in Police Court	13,766	13,661	10,743	11,173	10,253	10,479
Number sent to Reform School	----------	15	5	22	29	2
Number sent to Catholic Industrial School	----------	----------	31	42	74	29
Number sent to Home of the Friendless	118	127	166	91	68	45
Number sent to County Agent	44	23	36	61	38	33
Number sent to Orphan Asylums	20	21	30	61	20	23
Number sent to Catholic Orphan Asylums	55	30	7	----------	----------	96
Number turned over to United States Commissioner	6	1	----------	----------	----------	----------
Number held in peace bonds	471	213	197	224	293	495
Number bonds declared forfeited	9	7	3	20	----------	2
Number fined in Police Court	16,692	17,399	17,651	17,234	14,274	12,887
Number held on criminal charges	1,610	1,357	1,893	1,946	2,135	1,553
Number sent to House of Good Shepherd	66	52	56	79	59	88
Number sent to Erring Woman's Refuge	3	3	1	----------	----------	----------
Number sent to Washingtonian Home	70	80	63	26	22	9
Number sent to Martha Washington Home	13	4	----------	----------	----------	----------
Number sent to County Hospital	8	7	1	----------	----------	----------
Number sent to Christian Brothers' Hospital	2	----------	3	----------	----------	----------
Number fugitives from justice	3	4	----------	----------	----------	----------
Number married in court	12	10	10	3	4	3
Number sent to County Physician	19	3	3	----------	1	----------
Number changes of venue granted	6,447	4,170	1,901	724	1,206	1,543
Totals	39,434	37,187	32,800	31,713	24,480	27,338

OCCUPATIONS OF PERSONS ARRESTED.

Actors	24	Contractors	87
Agents	293	Copper-smiths	7
Architects	8	Corporations	18
Artists	11	Cowboys	24
Athletes	1	Custodians	2
Attorneys	18	Curriers	21
Auctioneers	6	Decorator	1
Bakers	102	Dentists	3
Bankers	4	Detectives	3
Barbers	139	Drayman	1
Bartenders	210	Drivers	7
Basket-makers	2	Druggists	16
Bill-posters	12	Dyers	7
Blacksmiths	147	Editor	1
Boiler-makers	48	Electrotyper	1
Book binders	21	Engineers	82
Book-keepers	63	Engravers	8
Bootblacks	114	Errand-boys	15
Box-makers	34	Expressmen	201
Brass-finishers	21	Farmers	69
Brewers	25	File-maker	1
Bricklayers	131	Firemen	40
Bridge-builders	10	Florists	2
Bridge-tender	1	Finishers	15
Brokers	18	Foremen	3
Broom-makers	6	Fortunetellers	3
Brush-makers	8	Furriers	14
Butchers	290	Galvanizer	1
Cabinet-makers	46	Gamblers	100
Capitalists	2	Gardeners	17
Carpenters	883	Gas-fitters	19
Carvers	36	Glass-blower	1
Carriage-makers	27	Glaziers	14
Caulkers	5	Gilders	3
Chair-maker	1	Grocers	114
Chemist	1	Hackmen	140
Cigar-makers	162	Harness-makers	22
Clergymen	3	Hatters	10
Clerks	768	Horse-shoers	32
Coachmen	51	Hostlers	69
Collectors	13	Hotel-keepers	19
Conductors	10	House-keepers	1,218
Confectioners	18	House-movers	28
Constables	10	Inspectors	9

Occupations.—Continued.

Janitors	12
Jewelers	12
Junk-dealers	18
Laborers	6,109
Lamp-lighter	1
Lathers	49
Laundresses	48
Laundrymen	71
Lettercarriers	7
Lithographers	5
Livery-keepers	27
Locksmiths	5
Manufacturers	30
Machinists	206
Masons	114
Marble-cutters	7
Managers	2
Merchants	393
Merchant Police	15
Messengers	4
Milkmen	33
Millers	10
Milliners	1
Millwrights	4
Miners	12
Moulders	239
Musicians	32
Nail-makers	1
Newsboys	48
None	17,569
Optician	1
Organ-grinder	1
Packers	2
Painters	396
Paper-carriers	9
Paper-hangers	18
Pattern-makers	3
Pavers	2
Pawn-brokers	20
Peddlers	578
Photographers	6
Physicians	27
Piano-makers	2
Pilots	4
Platers	4
Plasterers	101
Plumbers	97
Polishers	3
Porters	68
Printers	190
Potter	1
Prostitutes	2,599
Publisher	1
Rag-pickers	14
Railroad Employes	258
Reporters	13
Restaurant keepers	15
Roofers	40
Rope-makers	4
Runners	32
Sail-makers	3
Sailors	363
Salesmen	40
Saloon-keepers	729
Sawyers	3
Scale-makers	4
Scavengers	33
School-teacher	1
Sculptor	1
Seamstresses	19
Second-hand dealers	45
Servants	140
Sewer-builders	13
Shoe-makers	168
Showman	1
Slaters	4
Soap-makers	2
Soldiers	3
Spinner	1
Spring-maker	1
Steam-fitters	27
Stencil-cutters	14
Stenographer	1
Stewards	9
Stockdealers	14
Stone-cutters	65
Students	12
Surveyor	1
Tailors	236
Tanners	31

OCCUPATIONS.—Continued.

Teamsters	1,028	Wagon-makers	12
Telegraph operators	39	Waiters	224
Tinsmiths	112	Watch-makers	13
Tobacconists	6	Watchmen	48
Trunk-makers	4	Weavers	2
Tuck-pointers	2	Wheelwright	2
Turners	9	Whitewashers	20
Undertakers	6	Wireworkers	4
Upholsterers	44		
Veterinaries	11	Total	39,434

CLASSIFICATION OF ARRESTS BY MONTHS.

CHARGES.	1884.															
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.	Total, 1883.	Total, 1882.	Total, 1881.	Total, 1880.
Abduction	....	2	3	2	....	....	....	....	....	....	....	2	9	1	17	1	5
Abortion	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	3	1
Adultery	....	....	2	2	4	4	6	8	5	2	7	4	44	38	33	23	38
Accessory to burglary	....	....	2	....	1	1	....	....	1	1	2	....	8	1	1	....	1
Accessory to forgery	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Accessory to larceny	....	....	2	....	....	....	3	2	2	....	6	2	17	....	11	7	2
Accessory to murder	....	....	....	....	2	....	....	....	....	....	....	....	2	1	....	....	....
Accessory to robbery	....	....	2	2	....	2	....	2	1	1	2	....	12	1	2	2	....
Aiding a criminal to escape	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	4
Arson	1	4	....	....	2	....	....	5	1	2	....	1	16	13	10	16	12
Assault	14	30	21	32	16	21	37	35	22	23	20	24	295	150	173	333	392
Assaulting an officer	1	4	1	....	1	4	1	1	....	1	....	1	15	11	10	13	20
Assault with a deadly weapon	8	9	3	1	11	8	19	11	12	11	22	....	134	218	276	299	266
Assault with intent to commit rape	1	1	3	3	2	2	3	3	2	....	4	....	24	16	19	18	33
Assault with intent to commit murder	15	12	9	11	20	13	16	26	28	33	10	15	208	154	94	102	198
Assault with intent to commit sodomy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Assault with intent to do bodily injury	32	11	16	41	43	59	67	33	37	46	19	39	443	243	184	229	278
Assault with intent to commit robbery	9	3	4	4	8	8	8	9	5	10	14	8	90	49	50	50	65
Attempt to commit burglary	2	5	1	7	....	1	4	3	2	3	2	2	32	22	42	47	25
Attempt to committ larceny	....	2	....	2	1	1	1	....	1	....	2	2	12	16	20	20	12
Attempt to pass a forged check	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....
Barratry	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Bastardy	5	6	2	12	5	5	5	7	4	4	3	5	63	49	65	50	55

CLASSIFICATION OF ARRESTS BY MONTHS.—Continued.

CHARGES.	1884.															
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Total, 1883.	Total, 1882.	Total, 1881.	Total, 1880.
Bigamy	1				1	2							4	25	9	7	4
Burglary	35	103	103	74	78	71	65	53	59	90	65	76	872	644	723	539	629
Carrying concealed weapons	24	32	42	41	50	39	53	36	29	41	37	49	473	520	503	468	443
Charging illegal interest				1									1				
C mpounding a felony											1		1				
Conspiracy		4		3									7	1	8	13	9
Contempt of court					1				4	1			6	2			
Crime against nature									2		2		4	1	1	2	5
Criminal carelessness		2	2	2	4	1		2	2	2			17	4	10	6	18
Cruelty to animals	5	12		5	10	3	6	2	8	9	1	2	63	103	200	79	77
Cruelty to children						1		7		1	1		10	2	13	17	15
Decoying to a gambling house				2									2	1			
Destitute	14	19	14	10	29	23	32	24	24	21	10	18	238	216	324	280	196
Disorderly	1433	1451	1600	1721	2446	2386	2285	2348	2354	1820	1568	1668	23080	18218	14804	12684	9952
*Drunk														2355	2534	2019	120
*Drunk and disorderly														843	707	1446	2247
Distributing obscene literature										3		3	6				
Doing business without a license	11	12	16	6	2	14	15	7	6	2	4	17	112	217	57	124	206
Embezzlement	4	3		4	2	2	5	5	5	2	3	14	49	41	20	36	20
Exposing the person	4	4	1	1	7	6	8	5	3	2	2	3	46	34	47	37	51
Extortion by threats			3									1	4				
False imprisonment												1	1				
Fast driving	1	2	5	9	6	8	16	16	14	11	2	3	93	88	27	57	35

Forgery	3	10	7	4	2	3	10	2	1		4	7	53	38	43	17	
Fornication														3	2		4
Fugitives from justice		1			1	1		1	1			1	6	8			
Having burglars' tools														5			
Having gaming devices							1						1				
Illegal voting				5							14		19	1	2	1	
Incest	1	1					1		1				4	1	3	1	3
Inmates of house of assignation							2	2	22			8	34				
Inmates of house of illfame	117	86	217	135	135	272	123	163	153	150	79	182	1812	1644	1515	1917	1237
Inmates of gaming house	7		2	10	9	215		1	1	55	2	18	320	310	251	325	352
Inmates of disorderly house	11	2	1	3	2	2		5	2				28	42	135	358	1081
Inmates of opium den						10		10	9		3	16	48				
Interfering with an officer, etc.	6	10	11	4	15	10	11	16	15	13	3	7	121	81	56	85	122
Intimidation														9	5		1
Keeping a disorderly house	7	9	10	4	8	10	4	7	6	23		4	92	186	164	118	99
Keeping a gaming house	1		1	2	2					10		2	18	33	33	23	20
Keeping a house of assignation							1		2			1	4				
Keeping a house of ill-fame	16	6	37	18	9	30	17	17	18	23	8	25	224	244	183	266	194
Kidnapping														1			
Larceny	155	173	185	147	159	161	151	181	182	189	138	188	2009	1931	2323	2521	2313
Larceny as bailee				6			5	7		5	4	4	31		10	10	
Leaving team unhitched					4	3		2	5	1			15	7	3	3	20
Libel															4	1	2
Lounging on street corners				7	12	9	13		13	21			75				
Malicious mischief	4	2	6	8	9	16	8	6	8	12	6	11	96	76	83	144	105
Manslaughter										1	1		2		2	3	4
Mayhem	1	3			1	2	1	1		4			13	13	13	16	25
Murder		1		2	1				3			1	8	5	7	13	8
Obstructing street cars	1	3			2	10	6	2	1	3		1	29	17	30	72	60
Obtaining goods by false pretenses	1		1	1	6		1	2		1		9	22	31	44	22	43
Obtaining money by false pretenses	6	11	13	26	18	22	9	19	21	41	16	7	209	108	113	101	68
Passing counterfeit money		2					5	1		1			9	1	5		7
Peddling without a license	5	4	2	1	16	11	10	7	10	6	17	2	91	56	21	29	78

*Included with disorderly.

CLASSIFICATION OF ARRESTS BY MONTHS.—Continued.

CHARGES.	1884.															
	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Total.	Total, 1883.	Total, 1882.	Total, 1881.	Total, 1880.
Perjury				1						1	1		3	5	8	16	20
Prize-fighting										2			2	20			
Rape		2	2	2	1	6	1	1	3	2	1	2	23	22	14	21	13
Receiving stolen property	18	9	21	10	12	7	5	4	5	4	10	15	120	74	168	129	88
Representing himself an officer		3	12	4	4	3	3	4	2	6	3	5	49	21	10	21	26
Resisting an officer	14	30	13	13	38	33	39	28	28	30	16	13	295	207	150	168	189
Riot	3						5	7	8	4	16	3	46	43	112	95	104
Robbery	17	16	43	19	24	31	37	23	48	32	35	22	347	416	365	429	382
Selling liquor to drunkards, etc	3		8	6		20	7	5	16	10	11	12	98	80	115	25	
Selling liquor to minors	10	16	13	19	15	5	3	7	14	4	5	9	120	169	313	177	62
Selling liquor without a license															28	28	
Selling lottery tickets								22					22	1			
Shooting inside city limits	4	5	8	7	1	7	33	11	5	4	5	9	99	77	75	58	109
Swindling				11	2	4		1			3		21	47	16	26	18
Threats	26	11	13	14	22	17	19	35	19	20	8	8	212	141	182	229	303
Vagrancy	166	134	124	101	105	127	104	86	76	54	57	76	1210	1238	1514	1568	1705
Violation of bathing ordinance						8	8	8	43				67	41	85	60	74
Violation of begging ordinance	2	4	5	7	2	4	1						25	2	1		1
Violation of bridge ordinance				3	10	5	14	6	10	5	1	1	55	29	22	89	31
Violation of building ordinance	3	12	58	22	102	71	63	83	79	74	51	22	640	398	558	310	
Violation of depot ordinance		1			7	11		4	6	3	7		39	14	2	3	6
Violation of dog ordinance	7	11	4	6	21	223	674	419	100	20	4	7	1496	2422	299	1479	977
Violation of express ordinance	5	2	3						41			6	57	2	9	8	12

Violation of hack ordinance	3	4	2	3	14	17	16	15	14	8	6	5	107	45	40	71	46
Violation of health ordinance	15	22	8	14	42	36	67	41	8	9	6	11	279	126	70	112	76
Violation of junk-dealers' ordinance	4	3		5	12	14	1	3	1	2	5	2	52	17	5	17	3
Violation of pawn-brokers' ordinance	2	2	2		21	10	3	1	3			4	48	17	10	7	23
Violation of park ordinance					38	28	44	2	6	2		1	121	33	64	104	6
Violation of porters and runners' ord'n'ce	3	2	5		9	3		3	5	4		1	35	7	1	2	4
Violation of railway ordinance	6	6	8	12	288	53	12	15	13	11	10	3	437	80	7	75	29
Violation of saloon ordinance	5	10	9	11	20	15	15	7	17	6	2	29	146	40	46	98	168
Violation of sidewalk ordinance	12	9	7	23	29	18	18	10	11	5	3	2	147	100	45	48	59
Violation of street ordinance	9	12	1	21	31	37	31	35	50	13	19	24	283	89	112	79	46
Violation of telegraph ordinance									10				10				
Violation of vehicle ordinance	5	6	2	2	40	18	26	47	10	10	25	17	208	48	8	29	51
Violation of weights & measures' ordn'n'ce	2	1					14			2			19	2	1	13	8
Violation of various other ordinances	66	52	30	58	84	89	52	32	53	35	18	19	588	1931	2257	986	525

Total 39,434

SUMMARY OF THE POLICE-ALARM TELEPHONE SERVICE, 1884.

CENTRAL STATION.

Reports received from policemen in districts	105,951
Alarms responded to	3,015
Arrests made	1,913
Fires attended	127
Miles traveled	5,996
Causeless alarms	46
Sick and injured persons taken to hospitals	128
Sick and injured persons taken home	73
Sick and injured persons taken to stations and cared for	51
Dead bodies taken to morgue	40
Dead bodies taken to residence	9
Insane persons cared for	26
Disturbances suppressed without arrest	244
Destitute persons cared for	33
Prisoners taken to county jail	91
Prisoners taken to division police courts	507
Packages of stolen property recovered	14
Lost children taken to parents	40
Runaway horses overtaken and stopped	3
Stolen horse recovered	1
Abandoned children taken to the Foundling's Home	4
Persons rescued from drowning	6
Inebriates taken to the Washingtonian Home	5
Miscellaneous and incidental services	223

HARRISON STREET STATION.

Reports received from policemen in districts	35,547
Alarms responded to	3,175
Arrests made	3,148
Fires attended	131
Miles traveled	5,590
Causeless alarms	33
Sick and injured persons taken to hospitals	215
Sick and injured persons taken home	66
Sick and injured persons taken to stations and cared for	26
Dead bodies taken to morgue	49
Dead bodies taken to residence	12
Insane persons cared for	26
Disturbances suppressed without arrest	277
Destitute persons cared for	69

Prisoners taken to county jail	690
Prisoners taken to division police courts	221
Packages of stolen property recovered	14
Lost children taken to parents	3
Runaway horses overtaken and stopped	4
Abandoned children taken to the Foundling's Home	8
Persons rescued from drowning	1
Inebriates taken to Washingtonian Home	21
Inebriate women taken to Martha Washington Home	1
Wayward girls taken to House of Good Shepherd	17
Wayward women taken to Erring Woman's Refuge	4
Destitute children taken to Home of the Friendless	3
Destitute children taken to St. Vincent's Orphan Asylum	1
Destitute persons taken to county agent's office	1
Miscellaneous and incidental services	11

TWENTY-SECOND STREET STATION.

Reports received from policemen in districts	59,308
Alarms responded to	1,505
Arrests made	577
Fires attended	96
Miles traveled	3,298
Causeless alarms	58
Sick and injured persons taken to hospitals	52
Sick and injured persons taken home	51
Sick and injured persons taken to stations and for	8
Dead bodies taken to morgue	14
Dead bodies taken to residence	4
Insane persons cared for	8
Disturbances suppressed without arrest	223
Destitute persons cared for	12
Prisoners taken to county jail	35
Prisoners taken to division police courts	1,284
Packages of stolen property recovered	17
Lost children taken to parents	8
Mad or crippled animals killed	1
Abandoned children taken to the Foundling's Home	2
Destitute children taken to St. Vincent's Orphan Asylum	2
Miscellaneous and incidental services	4

COTTAGE GROVE AVENUE STATION.

Reports received from policemen in districts	57,361
Alarms responded to	933
Arrests made	521
Fires attended	58
Miles traveled	3,584

Causeless alarms	26
Sick and injured persons taken to hospitals	39
Sick and injured persons taken home	46
Sick and injured persons taken to stations and cared for	8
Dead bodies taken to morgue	13
Dead bodies taken to residence	3
Insane persons cared for	8
Disturbances suppressed without arrest	134
Destitute persons cared for	4
Prisoners taken to division police courts	645
Packages of stolen property recovered	25
Lost children taken to parents	1
Mad or crippled animals killed	4
Runaway horses overtaken and stopped	2
Stolen vehicles recovered	1
Abandoned children taken to the Foundling's Home	5
Persons rescued from drowning	1
Miscellaneous and incidental services	24

THIRTY-FIFTH STREET STATION.

Reports received from policemen in districts	21,400
Alarms responded to	862
Arrests made	415
Fires attended	30
Miles traveled	2,588
Causeless alarms	16
Sick and injured persons taken to hospitals	23
Sick and injured persons taken home	38
Sick and injured persons taken to stations and cared for	3
Dead bodies taken to morgue	2
Dead bodies taken to residence	8
Insane persons cared for	6
Disturbances suppressed without arrest	148
Destitute persons cared for	2
Prisoners taken to division police courts	266
Packages of stolen property recovered	5
Lost children taken to parents	10
Mad or crippled animals killed	3
Persons rescued from drowning	2
Miscellaneous and incidental services	11

WEST TWELFTH STREET STATION.

Reports received from policemen in districts	99,737
Alarms responded to	2,709
Arrests made	2,105
Fire attended	99

Miles traveled	4,981
Causeless alarms	104
Sick and injured persons taken to hospitals	106
Sick and injured persons taken home	87
Sick and injured persons taken to stations and cared for	11
Dead bodies taken to morgue	16
Dead bodies taken to residence	8
Insane persons cared for	63
Disturbances suppressed without arrest	377
Destitute persons cared for	39
Prisoners taken to County Jail	113
Prisoners taken to Division police court	5
Packages of stolen property recovered	28
Lost children taken to parents	81
Mad or crippled animals killed	6
Runaway horses overtaken and stopped	2
Stolen horses recovered	5
Stolen vehicles recovered	4
Abandoned children taken to the Foundling's Home	12
Persons rescued from drowning	2
Inebriates taken to Washingtonian Home	6
Wayward girls taken to House of Good Shepherd	2
Destitute children taken to Home of the Friendless	3
Destitue children taken to St. Vincent's Orphan Asylum	1
Destitute persons taken to County Agent's office	1
Miscellaneous and incidental services	44

HINMAN STREET STATION.

Report received from policemen in districts	34,952
Alarms responded to	1,390
Arrests made	752
Fires attended	80
Miles traveled	4,635
Causeless alarms	46
Sick and injured persons taken to hospitals	52
Sick and injured persons taken home	63
Sick and injured persons taken to stations and cared for	10
Dead bodies taken to morgue	31
Dead bodies taken to residence	7
Insane persons cared for	25
Disturbances suppressed without arrest	191
Destitute persons cared for	10
Prisoners taken to County Jail	45
Prisoners taken to division police courts	538
Packages of stolen property recovered	36
Lost children taken to parents	22

Mad or crippled animals killed	1
Stolen horse recovered	1
Stolen vehicle recovered	1
Abandoned children taken to the Foundling's Home	1
Persons rescued from drowning	1
Inebriate taken to Washingtonian Home	1
Miscellaneous and incidental services	21

DEERING STREET STATION.

Reports received from policemen in districts	13,233
Alarms responded to	355
Arrests made	179
Fires attended	7
Miles traveled	1,270
Causeless alarms	15
Sick and injured persons taken to hospitals	8
Sick and injured persons taken home	13
Sick and injured persons taken to stations and cared for	3
Dead bodies taken to morgue	6
Dead bodies taken to residence	6
Disturbances suppressed without arrest	43
Prisoners taken to County Jail	11
Prisoners taken to division police courts	148
Packages of stolen property recovered	2
Lost children taken to parents	7
Mad or crippled animal killed	1
Wayward girls taken to House of Good Shepherd	2
Miscellaneous and incidental services	5

DESPLAINES STREET STATION.

Reports received from policemen in districts	99,927
Alarms responded to	2,589
Arrests made	1,884
Fires attended	165
Miles traveled	5,416
Causeless alarms	25
Sick and injured persons taken to hospitals	234
Sick and injured persons taken home	96
Sick and injured persons taken to stations and cared for	67
Dead bodies taken to morgue	39
Dead bodies taken to residence	3
Insane persons cared for	40
Disturbances suppressed without arrest	228
Destitute persons cared for	28
Prisoners taken to County Jail	361
Prisoners taken to division police courts	31

Packages of stolen property recovered	88
Lost children taken to parents	16
Mad or crippled animals killed	4
Abandoned children taken to the Foundling's Home	21
Persons rescued from drowning	5
Inebriates taken to Washingtonian Home	29
Inebriate women taken to Martha Washington Home	1
Wayward girls taken to House of Good Shepherd	12
Wayward women taken to Erring Woman's Refuge	2
Destitute children taken to St. Vincent's Orphan Asylum	5
Miscellaneous and incidental services	45

WEST LAKE STREET.

Reports received from policemen in districts	51,832
Alarms responded to	1,539
Arrests made	335
Fires attended	105
Miles traveled	3,242
Causeless alarms	16
Sick and injured persons taken to hospitals	63
Sick and injured persons taken home	68
Sick and injured persons taken to stations and cared for	12
Dead bodies taken to morgue	11
Dead bodies taken to residence	3
Insane persons cared for	23
Disturbances suppressed without arrest	381
Destitute persons cared for	1
Prisoners taken to County Jail	43
Prisoners taken to division police courts	591
Packages of stolen property recovered	46
Lost children taken to parents	63
Mad or crippled animals killed	2
Runaway horses overtaken and stopped	2
Stolen horses recovered	2
Stolen vehicles recovered	2
Abandoned children taken to the Foundling's Home	17
Person rescued from drowning	1
Inebriates taken to Washingtonian Home	7
Destitute children taken to Home of the Friendless	1
Destitute children taken to St. Vincent's Orphan Asylum	11
Miscellaneous and incidental services	118

WEST MADISON STREET STATION.

Reports received from policemen in districts	40,633
Alarms responded to	504
Arrests made	232

Fires attended	37
Miles traveled	2,020
Causeless alarms	21
Sick and injured persons taken to hospitals	20
Sick and injured persons taken home	35
Sick and injured persons taken to stations and cared for	6
Dead bodies taken to morgue	5
Dead bodies taken to residence	4
Insane persons cared for	2
Disturbances suppressed without arrest	122
Prisoners taken to County Jail	26
Prisoners taken to division police courts	276
Lost children taken to parents	18
Mad or crippled animals killed	2
Runaway horse overtaken and stopped	1
Stolen horse recovered	1
Abandoned children taken to the Foundling's Home	5
Person rescued from drowning	1
Inebriate taken to Washingtonian Home	1
Destitute children taken to Home of the Friendless	13
Miscellaneous and incidental services	213

WEST CHICAGO AVENUE STATION.

Reports received from policemen in districts	46,424
Alarms responded to	1,450
Arrests made	702
Fires attended	64
Miles traveled	3,850
Causeless alarms	56
Sick and injured persons taken to hospitals	51
Sick and injured persons taken home	54
Sick and injured persons taken to stations and cared for	13
Dead bodies taken to morgue	8
Dead bodies taken to residence	6
Insane persons cared for	20
Disturbances suppressed without arrest	257
Destitute persons cared for	20
Prisoners taken to County Jail	39
Prisoners taken to division police courts	671
Packages of stolen property recovered	14
Lost children taken to parents	6
Mad or crippled animals killed	2
Runaway horses overtaken and stopped	2
Stolen vehicle recovered	1
Abandoned children taken to the Foundling's Home	4
Persons rescued from drowning	2
Inebriates taken to Washingtonian Home	1

Wayward girls taken to House of Good Shepherd	1
Destitute children taken to St. Vincent's Orphan Asylum	4
Miscellaneous and incidental services	24

WEST NORTH AVENUE STATION.

Reports received from policemen in districts	27,746
Alarms responded to	354
Arrests made	74
Fires attended	18
Miles traveled	1,274
Causeless alarms	11
Sick and injured persons taken to hospitals	19
Sick and injured persons taken home	25
Sick and injured persons taken to stations and cared for	9
Dead bodies taken to morgue	2
Dead bodies taken to residence	2
Insane persons cared for	11
Disturbances suppressed without arrest	57
Destitute persons cared for	14
Prisoners taken to County Jail	28
Prisoners taken to division police courts	105
Packages of stolen property recovered	4
Lost children taken to parents	4
Mad or crippled animal killed	1
Runaway horse overtaken and stopped	1
Miscellaneous and incidental services	31

RAWSON STREET STATION.

Reports received from policemen in districts	21,070
Alarms responded to	462
Arrests made	126
Fires attended	20
Miles traveled	1,340
Causeless alarms	14
Sick and injured persons taken to hospitals	19
Sick and injured persons taken home	28
Sick and injured persons taken to stations and cared for	8
Dead bodies taken to morgue	2
Dead bodies taken to residence	3
Insane persons cared for	3
Disturbances suppressed without arrest	51
Destitute persons cared for	3
Prisoners taken to County Jail	1
Prisoners taken taken to division police courts	254
Person rescued from drowning	1
Inebriate taken to Washingtonian Home	1
Miscellaneous and incidental services	62

EAST CHICAGO AVENUE STATION.

Reports received from policemen in districts	67,877
Alarms responded to	1,614
Arrests made	937
Fires attended	86
Miles traveled	3,681
Causeless alarms	16
Sick and injured persons taken to hospitals	95
Sick and injured persons taken home	74
Sick and injured persons taken to stations and cared for	34
Dead bodies taken to morgue	22
Dead bodies taken to residence	11
Insane persons cared for	39
Disturbances suppressed without arrest	243
Destitute persons cared for	22
Prisoners taken to County Jail	145
Prisoners taken to division police courts	162
Packages of stolen property recovered	14
Lost children taken to parents	10
Abandoned children taken to the Foundling's Home	1
Person rescued from drowning	1
Inebriates taken to Washingtonian Home	16
Destitute children taken to St. Vincent's Orphan Asylum	1
Destitute person taken to County Agent's office	1
Miscellaneous and incidental services	53

LARRABEE STREET STATION.

Reports received from policemen in districts	30,884
Alarms responded to	1,465
Arrests made	692
Fires attended	73
Miles traveled	3,322
Causeless alarms	3
Sick and injured persons taken to hospitals	76
Sick and injured persons taken home	62
Sick and injured persons taken to stations and cared for	27
Dead bodies taken to morgue	13
Dead bodies taken to residence	3
Insane persons cared for	21
Disturbances suppressed without arrest	280
Destitute persons cared for	7
Prisoners taken to County Jail	23
Prisoners taken to division police courts	655
Packages of stolen property recovered	14
Lost children taken to parents	26
Mad or crippled animals killed	4

Runaway horses overtaken and stopped	2
Stolen horse recovered	1
Stolen vehicle recovered	1
Persons rescued from drowning	1
Inebriate taken to Washingtonian Home	1
Destitute persons taken to County Agent's office	1
Miscellaneous and incidental services	71

DUTIES PERFORMED BY OPERATORS AND PATROLMEN IN POLICE TELEPHONE SERVICE.

TOTALS.	1884.	Central Station.	Harrison Street Station.	Twenty-second Street Station.	Cottage Grove Ave. Station.	Thirty-fifth Street Station.	West Twelfth Street Station	Hinman Street Station.	In Service since July 4th. Deering Street Station.	Desplaines Street Station.	West Lake Street Station.	West Madison Street Station.	West Chicago Ave. Station.	West North Ave. Station.	Rawson Street Station.	East Chicago Ave. Station.	Larrabee Street Station.	No Wagon. Webster Ave. Station.
857084	Reports received from policemen in districts	105951	35547	59308	57361	21400	99737	34952	13233	99927	51832	40633	46424	27746	21070	67877	30884	43202
23921	Al'rms resp'nded to	3015	3175	1505	933	862	2709	1390	355	2589	1539	504	1450	354	462	1614	1465	-----
14592	Arrests made	1913	3148	577	521	415	2105	752	179	1884	335	232	702	74	126	937	692	-----
1188	Fires attended	127	121	96	58	30	99	80	7	165	105	37	64	18	20	86	73	-----
56087	Miles traveled	5996	5590	3298	3581	2588	4981	4635	1279	5416	3242	2020	3850	1274	1340	3681	3322	-----
506	False alarms	46	33	58	26	16	104	46	15	25	16	21	56	11	14	16	3	-----
1200	Sick and injured persons taken to hospitals	128	215	52	39	23	106	52	8	234	63	20	51	19	19	95	76	-----
879	Sick and injured persons taken home	73	66	51	46	38	87	63	13	96	68	35	54	25	28	74	62	-----

296	Sick and injured persons taken to st'ns and cared for	51	26	8	8	3	11	10	3	67	12	6	13	9	8	34	27
273	Dead bodies taken to morgue	40	49	14	13	2	16	31	6	39	11	5	8	2	2	22	13
92	Dead bodies taken to residence	9	12	4	3	8	8	7	6	3	3	4	6	2	3	11	3
321	Insane p'rs'ns cared for	26	26	8	8	6	63	25		40	23	2	20	11	3	39	21
3256	Disturbances suppressed without arrest	244	277	223	134	148	377	191	43	228	381	122	257	57	51	243	280
264	Destitute persons cared for	33	69	12	4	2	39	10		28	1		20	14	3	22	7
1651	Prisoners taken to county jail	91	690	35			113	45	11	361	43	26	39	28	1	145	23
6359	Prisoners taken to division police courts	507	221	1284	645	266	5	538	148	31	591	276	671	105	254	162	655
271	Packages of stolen property recov'rd	14	14	17	25	5	28	36	2	38	46		14	4		14	14
315	Lost children taken to parents	40	3	8	1	10	81	22	7	16	63	18	6	4		10	26
31	Mad or crippled animals killed			1	4	3	6	1	1	4	2	2	2	1			4
19	Runaway horses overtaken and stopped	3	4		2		2				2	1	2	1			2
11	Stolen horses recovered	1					5	1			2	1					1
10	Stolen vehicles recovered				1		4	1			2		1				1

DUTIES PERFORMED BY OPERATORS AND PATROLMEN.—Continued.

TOTALS.	1884.	Central Station.	Harrison Street Station.	Twenty-second Street Station.	Cottage Grove Ave. Station.	Thirty-fifth Street Station.	West Twelfth Street Station.	Hinman Street Station.	Deering Street Station.	In Service since July 4th.	Desplaines Street Station.	West Lake Street Station.	West Madison Street Station.	West Chicago Ave. Station.	West North Ave. Station.	Rawson Street Station.	East Chicago Ave. Station.	Larrabee Street Station.	Webster Ave. Station.	No Wagon.
80	Abandoned childr'n taken to Foundling's Home	4	8	2	5												1			
25	Persons rescued from drowning	6	1		1	2	2	1			5	1	1	2		1	1	1		
89	Inebriates taken to the Washingt'n Home	5	21				6	1			29	7	1	1	1		16	1		
2	Inebriate women taken to Martha Washg't'n Home		1								1									
34	Wayward girls taken to House of Good Shepherd		17				2		2		12			1						
6	Wayward women taken to Erring Woman's Refuge		4								2									

22	Destitute children taken to Home of the Friendless		3	2			3				1	13						
23	Destitute children taken to St. Vincent's Orphan Asylum		1				1			5	11		4			1		
4	Destitute persons taken to county agent's office		1				1									1	1	
960	Miscellaneous and Incidental	223	11	4	24	11	44	21	5	45	118	213	24	31	62	53	71	

MISCELLANEOUS DUTIES PERFORMED BY THE POLICE FORCE.

	1884	1883	1882	1881	1880	1879
Number of lost children found	2849	2134	2167	1689	2105	1168
Number of lodgers accommodated	25141	16366	10160	12815	13172	8629
Number of meals furnished prisoners and lodgers	60210	52346	36599	48311	30672	33845
Number of accidents reported	1291	1458	1319	1198	1071	1030
Number of attempted suicides reported	83	88	105	129	71	98
Number of buildings secured, being found open	266	290	431	330	258	306
Number of burglaries flustrated	145	211	273	210	221	185
Number of dead bodies found	172	222	366	181	324	128
Number of defective drains and vaults reported	311	189	517	688	323	484
Number of defective fire-alarm boxes reported	13	14	17	16	18	24
Number of defective gas pipes reported	103	79	105	78	67	84
Number of defective hydrants reported	103	116	244	206	202	267
Number of defective water pipes reported	261	226	329	339	327	455
Number of defective sewer and catch-basins reported	281	244	385	572	348	376
Number of defective culverts reported	212	179	244	325	199	371
Number of fire alarms given	697	652	539	493	410	613
Number of defective sidewalks reported	1644	2411	2548	5534	3613	5900
Number of disturbances sup'res'd	3360	2380	4281	2056	1542	731
Number of fires extinguished without alarm	157	151	88	115	154	152
Number of intoxicated persons assisted home	727	673	1202	1071	1101	912
Number of nuisances and dead animals reported	3976	2432	5051	8035	7850	11755
Number of notices served to repair sidewalks	93	163	389	924	1276	1888
Number of persons rescued from drowning	34	28	46	49	47	45
Number of sick and injured persons assisted	1910	2092	1637	888	596	463
Number of stray teams taken up	700	687	702	910	650	820
Number of sudden deaths reported	191	241	251	159	240	263
Number of suicides reported	126	101	97	87	70	120
Number of street lamps reported broken	2241	3719	4354	10177	10222	9645
Number of street lamps reported not lighted	10588	13474	3015	4835	12470	12143
Number of violations of building ordinance reported	521	751	1147	801	624	363
Number of abandoned infants found	54	21	155	10		

MISCELLANEOUS DUTIES PERFORMED BR THE POLICE FORCE.—CONTINUED.

	1884	1883	1882	1881	1880	1879
Waste of water reported	137	118	337	271	250	279
Number of policemen injured in discharge of duty	25	15	26	25	29	10
Number of deaths in the police force	5	10	10	8	2	2
Number of insane persons cared for	321	------	199	------	------	------
Number of destitute sent to county agent's office	44	------	10	------	------	------
Number of lost persons assisted home	12	------	1	------	------	------

LIST OF FUGITIVES FROM JUSTICE.

Arrested in Chicago and Turned Over to Authorities of Other Cities During the Year.

1884.	Names of Fugitives.	Charges.	Arrested by	Turned over to Authorities of
Jan. 21	William H. Simney	Robbery	Amstein & Murnane	Washington, D. C.
" 24	Edward McCarthy	Ass't with deadly weapon	Rohan & Meyer	Cincinnati, Ohio.
" 24	James Hyland	Larceny	Rohan & Meyer	Cincinnati, Ohio.
" 31	Wilbur Johndrew	Deserter, U. S. A	Rohan & Meyer	U. S. Government.
Feb. 7	Leo Cronson	Larceny	Elliott & Wiley	New York.
" 7	Bruno Schultz	Embezzlement	Elliott & Wiley	Pittsburgh, Pa.
" 7	Luke Fipps	Murder	Rohan & Meyer	Canada.
" 9	John Kunkle	Embezzlement	Halloran & Stift	Cleveland, Ohio.
" 15	Jacob Moss	Larceny	Costello & Granger	Kensington, Ill.
" 15	Kittie Zeutner	Escapt from Ind. School	Palmer & Cosgrove	Milwaukee, Wis.
" 15	O. H. Jeffries	Forgery	Burdick & Egan	Darke Co., Ohio.
" 25	Jno. Vinson, alias Simmons	Burglary	Stift & Egan	La Porte, Ind.
Mar. 1	Frank Bartlett	Embezzlement	Rohan & Meyer	Minneapolis, Minn.
" 15	Michael Quinlan	Larceny	Elliott & Wiley	Milwaukee, Wis.
" 19	Samuel Halloway	Obt. money by false pret.	Amstein & Murnane	Omaha, Neb.
" 21	Geo. Carlson	Forgery and Larceny	Costello & Granger	Town of Lake, Ill.
" 21	Peter Anderson	Larceny	Ender & Smith.	Pennsylvania.
" 26	Walter Harries	Larceny	Costello & Granger	Peoria, Ill.
" 31	John Curnan	Larceny	Bonfield & Kay	Middleton, Ohio.
Apr. 5	Fred. Lorring, alias Jones	Larceny	Rohan & Meyer	Boston, Mass.
" 6	Samuel W. Bruce	Embezzlement	Palmer & Cosgrove	Philadelphia, Pa.
" 18	Simon Pepper	Embezzlement	Rohan & Meyer	New York.
" 19	Philo F. Wilson	Embezzlement	Rohan & Meyer	Detroit, Mich.
" 21	John McLean	Burglary	Granger & Kay	Nebraska City, Neb.
May 15	Edward Shaefer	Embezzlement	Granger & Jones	Flint, Mich.
" 27	Isadore Mandel	Embezzlement	McDonald & Haas	Washington, D. C.
June 2	Eddie Watson	Larceny	Stift & Rehm	Brooklyn, N. Y.

June	7	Wish Kearns	Robbery	Stift & Rehm	Kenosha, Wis.
"	7	Thos. Enright	Larceny	Stift & Rehm	Kenosha, Wis.
"	9	J. B Warren	Obt'g money by false pret.	Costello & Kipley	Terre Haute, Ind.
"	18	Jacob Laskey	Larceny	Bonfield & Hanley	Buffalo, N. Y.
"	20	Emery Elmer	Obt'g money by false pret.	Elliott & Palmer	Springfield, Ill.
"	21	Ernst A. Stroebel	Ass't, intent to com. mur.	Granger & Jones	Benzie Co., Mich.
July	2	William McGuire	Larceny	Bonfield & Thorpe	Adrian, Mich.
"	20	Lathrop Fisher	Adultry and bastardy	Rohan & Londergan	Janesville, Wis.
"	23	Eugene Warren	Burglary	Costello & Kipley	Milwaukee, Wis.
"	25	John Kuyper	Forgery and Embezzlm't	W. D. Halloren	Waukesha, Wis.
"	29	Mabel Morris	Burglary	McDonald & Haas	Baltimore, Md.
Aug.	9	Cyrus D. Cameron	Forgery and burglary	Hanley & Kay	St. Louis, Mo.
"	12	John Luvits	Embezzlement	McDonald & Hass	Milwaukee, Wis.
"	16	Richard F. Parkinson	Embezzlement	Elliott & Crowe	Omaha, Neb.
Sept.	22	Chas. VanHalset	Robbery	Stift & Rehm	Norway, Mich.
"	22	Chas. Negg	Robbery	Stift & Rehm	Norway, Mich.
"	22	Richard, alias Dick Lane	Burglary	Amstein & Wiley	Madison, Wis.
"	29	John O. Harvey	Blackmail	Granger & Meyer	Rockford, Ill.
Oct.	13	Albert C. Carr	Forgery	Bonfield & Thorpe	Syracuse, N. Y.
"	14	Ignatz Stricker	Larceny	Boyd & Morgan	Joliet, Ill.
"	14	Jacob Schram	Larceny	Boyd & Morgan	Joliet, Ill.
"	14	John Erickson	Larceny	Boyd & Morgan	Joliet, Ill.
"	27	Shelby C. Price	Murder	Elliott & Crowe	Nashville, Tenn.
Nov.	15	Geo. Logan	Larceny	Granger & Meyer	St. Louis, Mo.
"	15	Harry Wells	Larceny	Murnane & Jones	St. Louis, Mo.
"	21	John Newman	Larceny	Amstein & Wiley	Trempleau, Wis.
"	26	Thos. W. Baker	Burglary	Elliott & Crowe	Joliet, Ill.
"	27	William Winnie	Larceny	Rohan & Halloren	Troy, N. Y.
Dec.	19	Chas. Shannon	Burglary	Bonfield & Meyer	Pontiac, Mich.
"	19	Frank Price	Burglary	Bonfield & Meyer	Pontiac, Mich.

LIST OF FUGITIVES FROM JUSTICE,

Traced to and arrested in other Cities and brought back to Chicago for trial.

1884.	Name of Fugitives.	Charges.	Name of Officers.	Where brought from
Jan. 4	Edward Souther	Burglary	Cosgrove and Palmer	Detroit, Mich.
Feb. 15	C. N. Cheek	Money under f'lse pr't'nc's	Costello and Granger	St. Louis, Mo.
Mar. 29	Charles Troy	Larceny	Thorpe and Tierney	Appleton, Wis.
Apr. 10	Mary Smith	Larceny	Costello and Granger	Milwaukee, Wis.
" 16	James Bernstein	Receiving stolen property	Bonfield and Kay	Osage City, Kansas.
June 19	James Burns	Burglary	Rohan and Londergan	Pittsburgh, Pa.
" 28	E.d. R. Marshall	Forgery	Bonfield and Eliott	Milwaukee, Wis.
" 28	John Rivilin alias Elmore	Larceny	Stift and Rehm	Minneapolis, Minn.
" 28	Aug. Poggendorf	Larceny	Costello and Kipley	Atchison, Kas.
July 14	Chas. G. Turner	Larceny	Amstein and Palmer	Watertown, Da.
" 17	Wellington L. Atkinson	Embezzlement	Wm. S. Halloren	New Orleans, La.
" 23	Warren Galloway	Larceny	Dooley and O'Connor	Columbus, Ohio.
" 29	William S Rex	Embezzlement	Rohan and Londergan	St. Paul, Minn.
Aug. 8	John B. Hampton	Confidence game	Costello and Kipley	Detroit, Mich.
Sept. 5	John Doyle Berry	Burglary	Granger and Jones	Monmouth, Ills.
" 5	Dave Wilbur	Burglary	Granger and Jones	Monmouth, Ills.
" 5	William Dennicombe	Burglary	Granger and Jones	Monmouth, Ills.
" 11	Chas. Arndt	Larceny	Stift and Rehm	Milwaukee, Wis.
" 15	Frank Dix	Burglary	Hanley and Kay	Farmer City, Ills.
Oct. 11	J. Harry Clampitt	Larceny	Bonfield and Hanley	Washington, D. C.
" 23	Dennie Hayes	Larceny	Boyd and Morgan	Lemon', Ills.
Nov. 11	Edward Toomey	Larceny	Boyd and Morgan	Clinton, Iowa.
" 11	Geo. Delmer alias Deschler	Larceny	Boyd and Morgan	Clinton, Iowa.
Dec. 3	William H. Newett	Embezzlement	McDonald and Haas	Kane Co., Ills.
" 30	Henry Johns	Larceny	Dooley and O'Connor	Buffalo, N. Y.
" 30	John Plourd	Larceny	Murnane and Jones	Andover, Maine.

Statement Showing Aggregate Number of Arrests, Amount of Fines Imposed, Value of Property Reported Stolen, Value of Stolen Property Received, Expenditures of the Department, Etc., Each Year Since 1873.

Year Ending.	Numerical Strength of the Police Force Officers & Men.	Number of Arrests.	Amount of Fines Imposed.	Value of Property Reported Stolen.	Value of Property Recovered.	Expenditures of Police Dep't.
March 31, 1874	552	27,995	$ 165,749 00	$ 347,589 74	$ 210,685 00	$ 653,258 65
March 31, 1875	596	24,899	83,101 00	182,591 00	* 118,218 00	722,876 52
‡ December 31, 1875	597	19,206	65,502 00	132,433 00	* 90,956 07	521,579 52
December 31, 1876	517	27,291	104,196 00	211,138 49	208,296 00	639,886 59
December 31, 1877	516	28,035	166,087 00	161,909 27	*132,037 64	534,842 78
December 31, 1878	442	27,208	230,720 00	156,169 67	*115,833 38	432,758 95
December 31, 1879	453	27,338	205,147 00	106,034 71	* 93,370 76	445,195 42
December 31, 1880	473	28,480	151,560 00	142,599 41	*123,509 35	493,672 38
December 31, 1881	506	31,713	163,937 00	147,144 36	*118,508 56	577,037 77
December 31, 1882	557	32,800	159,495 00	121,929 37	* 91,265 35	659,259 70
December 31, 1883	637	37,187	223,441 00	144,802 04	90,792 06	703,579 66
December 31, 1884	924	39,434	229,230 00	149,837 85	112,943 43	779,721 45

‡ Nine Months.

* Lost Property not Included.

NAMES OF OFFICERS INJURED WHILE IN DISCHARGE OF DUTY, AND DATE OF INJURY.

NAMES.	Date of Injury.
Julius Haerle	January 30, 1884
Cyril H. French	February 19, 1884
Daniel Riordan	March 11, 1884
Geo. Kenyon	March 12, 1884
William Lyonnais	March 28, 1884
Terence Fitzpatrick	May 1, 1884
Michael Connolly	May 4, 1884
James Bell	June 9, 1884
Jas. H. Shreve	July 3, 1884
James Knowles	July 22, 1884
Denis Quinlan	August 28, 1884
Michael Manning	Sept'mb'r 16, 1884
Pat. D. O'Brien	Sept'mb'r 18, 1884
Frank Eastman	Sept'mb'r 21, 1884
Frank G. Letis	Sept'mb'r 21, 1884
John Garrity	Sept'mb'r 23, 1884
Patrick Walsh	Sept'mb'r 28, 1884
Frederick Bollinger	October 2, 1884
Patrick F. Loftus	Decemb'r 4, 1884
Lieut. Ed. Laughlin	Decemb'r 12, 1884
Timothy Madigan	Decemb'r 12, 1884
William J. Goggin	Decemb'r 12, 1884
Thomas Maher	Decemb'r 20, 1884
William Flynn	Decemb'r 20, 1884

OBITUARY.

Six deaths occurred in the Department during the year, the number showing a large decrease in mortality as compared with former years. Following is the record:

NAMES.	Date of Death.	Date of Appointment on Police Force.	Police Station Where Assigned.	Cause of Death.	Married or Single.
Patrol'n James Murray	January 1st	March 18, 1880	Desplaines street	Consumption	Married.
" Daniel Lynch	June 21st	July 13, 1867	22d St. Station	Cholera Morbus	Married.
" Pat. N. Mulvihill	July 22d	April 16, 1881	Desplaines street	Gunshot wound	Single.
" Edward Londergan	Sept. 23d	Nov. 3, 1869	Central Station	Pneumonia	Married.
" Bryan Heffernan	Nov. 9th	Aug. 18, 1875	Twelfth street	Pneumonia	Married.
" Chas. P. Macowitzky	Dec. 24th	April 18, 1881	Rawson St. Station	Suicide	Single.

OFFICE OF THE

SECRETARY AND INSPECTOR.

To AUSTIN J. DOYLE, ESQ.,

General Superintendent of Police of the City of Chicago, Ill.:

This, the report of the Secretary of Police of said City, shows the expenses of the Department for the various purposes therein expressed, for the year ending December 31, 1884, together with description and valuation of the real estate and personal property in use by the Department.

Description of real estate and its value, and the value and location of the personal property belonging to the Department:

GENERAL HEADQUARTERS AND CENTRAL STATION.

At City Hall.

DESCRIPTION AND LOCATION.	VALUATION.
Furniture, fixtures and stationery	$ 2,430 00
Horses, wagon, harness and apparatus	2,815 00
	$ 5,245 00

FIRST PRECINCT.

HARRISON STREET STATION.

At Northeast Corner of Harrison Street and Pacific Avenue.

One two-story and basement brick station house, 80x100 feet, on lot owned by School Fund	$ 35,500 00
One two-story brick barn, 25x75 feet, lot owned by School Fund	3,500 00
[The foregoing lots are lots 20 and 23 of block 113, School Section Addition]	
Heating apparatus, two steam boilers	3,800 00
Furniture, fixtures, stationery, stock and apparatus	9,192 30
	$ 51,992 30

TWENTY-SECOND STREET STATION.

At Nos. 318 and 320 Twenty-Second Street.

Sub-lot 42, and east ½ of sub-lot 41 of lots 2, 3, 4 and 5 of block 45 of S. E. ¼ Sec. 21, T. 39, R. 14, 36x146 feet	$ 4,000 00
One two-story and basement brick station house, 30x84 feet	8,500 00
One two-story frame barn, 30x30 feet	1,500 00
Furniture, fixtures, stationery, stock and apparatus	6,630 98
	$ 20,630 98

COTTAGE GROVE AVENUE STATION.

At No. 171 Cottage Grove Avenue.

North ½ of lot 1 of block 66, of W. ½ of Sec. 27, T. 39, R. 14, 30x137 feet	$ 6,500 00
One two-story and basement brick station house, 20x84 feet	10,000 00
One two-story brick barn, 27x30 feet	2,000 00
Furniture, fixtures, stationery, stock and apparatus	3,904 66
	$ 22,404 66

THIRTY-FIFTH STREET STATION.

Near the corner of Halsted and Thirty-Fifth Street.

One two-story frame station house and barn, 24x49 feet	$ 1,800 00
Furniture, fixtures, stationery, stock and apparatus	3,734 45
	$ 5,534 45

SECOND PRECINCT.

WEST TWELFTH STREET STATION.

At Northwest corner of West Twelfth and Johnson Sts.

Lot 11 of block 29, of S. E. ¼ of Sec. 17, T. 39, R. 14, 33x100 feet	$ 4,000 00
One two-story and basement brick station house, 26x100 feet, and brick barn, 21x58 feet	16,000 00
Furniture, fixtures, stationery, stock and apparatus	6,830 40
	$ 26,830 40

HINMAN STREET STATION.

At Northwest corner of Hinman and Paulina Streets.

Lot 48 of block 63, of Sec. 19, T. 39, R. 14, 25x125 feet	$ 2,000 00
One two-story and basement brick station house, 23x100 feet	7,000 00
One two-story brick barn, 25x30 feet	5,000 00
Furniture, fixtures, stationery, stock and apparatus	3,853 70
	$ 17,853 70

DEERING STREET STATION.

At No. 2913 Deering Street.

Lot 20 of block 26, C. T. sub-div., Sec. 29, T. 39, R. 14, 25x120 feet	$ 1,500 00
One two-story frame station house and brick barn	3,500 00
Furniture, fixtures, stationery, stock and apparatus	1,968 80
	$ 6,968 80

THIRD PRECINCT.

DESPLAINES STREET STATION.

Corner of Desplaines Street and Waldo Place.

South 60 feet of lots 1, 2, 3, 4, 5, 6, 7, and the E. 4 feet of lot 8, block 67, in original town of Chicago, 60x144 feet	$14,500 00
One three-story and basement brick station house, 52x141 feet, with heating apparatus	49,500 00

Furniture, fixtures, stationery, stock and apparatus	5,460 81
One lot on North Union St., 34x81 feet	4,000 00
One two-story and basement brick barn, 34x81 feet	4,000 00
Furniture, fixtures, stock and apparatus	6,487 35
	$83,948 16

WEST MADISON STREET STATION.

At No. 1046 West Madison Street.

One two-story brick station house and barn, 20x40 feet	$ 3,000 00
Furniture, fixtures, stationrey, stock and apparatus	5,817 32
	$ 8,817 32

WEST LAKE STREET STATION.

At No. 609 West Lake Street.

East ½ of sub lots 1 of lots 4 and 5 of block 49, of Sec. 7, T. 39, R. 14, 30x45 feet	$ 6,500 00
One two-story and basement brick station house and barn, 20x105 feet	8,000 00
Furniture, fixtures, stationery, stock and apparatus	6,859 69
	$21,359 69

FOURTH PRECINCT.

WEST CHICAGO AVENUE STATION.

At No. 233 West Chicago Avenue.

Lot 3 and E. ½ of lot 4, of block 42 of Ogden's Addition, 31x 121 feet	$ 2,500 00
One two-story and basement brick station house, 20x65 feet	7,500 00
Furniture, fixtures, stationery, stock and apparatus	3,720 16
	$13,720 16

WEST NORTH AVENUE STATION.

At 482 West North Avenue.

West 31 feet of lots 47 and 48 of block 1, of D. S. Lee's Addition to Chicago, 31x162 feet	$ 1,500 00
One two-story brick and brick barn, 31x56 feet	5,500 00
Furniture, fixtures, stationery, stock and apparatus	2,996 40
	$ 9,996 40

RAWSON STREET STATION.

At No. 71 Rawson Street.

Northeasterly ½ of sub lot 53 of lot 3, of block 18 of Sheffield's Addition, 25x115 feet	1,000 00
One two-story frame station house, 20x61 feet	1,000 00
Furniture, fixtures, stationery, stock and apparatus	2,718 40
	$4,718 40

FIFTH PRECINCT.

CHICAGO AVENUE STATION.

At Nos. 240, 242 and 244 Chicago Avenue.

Lot 17 of block 35, Wolcott's Addition, 40x130 feet	$ 10,000 00
One two-story and basement brick station house, 37½x100 feet	17,000 00
One two-story and basement brick barn, 20x46 feet	5,000 00
East 20 feet of lot 16 of Ogden's sub-division of block 35, Wolcott's Addition to Chicago, 20x130 feet	4,500 00
Furniture, fixtures, stationery, stock and apparatus	6,987 20
	$43,487 20

LARRABEE STREET STATION.

At Northwest corner of Larrabee Street and North Ave.

South 20 feet of lot 5 of block 1, and south 20½ feet of sub-lot 1 of lots 6 and 7, of block 1, of Sheffield's Addition, 20½x117¾ feet	6,000 00
One two-story and basement brick station house, 20x67 feet	9,000 00
One lot 24x50 feet, in rear of station	2,000 00
One two-story brick barn, 24x50 feet	3,000 00
Furniture, fixtures, stationery, stock and apparatus	4,293 05
	$24,293 05

WEBSTER AVENUE STATION.

At No. 458 Webster Auenue.

Lot 15 of sub-block 2 of block 12, of Canal Trustees sub-division of Sec. 33, T. 40, R. 14, 24x124 feet	$ 2,000 00
One two-story frame station house, 22x60 feet	1,000 00
Furniture, fixtures, stationery and apparatus	1,933 12
	$ 4,933 12

RECAPITULATION.

Total Real Estate value	$ 72,500 00
Total Value of Buildings	207,800 00
Total Value of Supplies, Stock and Apparatus	92,433 79
Total Value of Property belonging to Department	$ 372,733 79

EXPENSES OF THE DEPARTMENT—1884.

	Rents.	Repairs of Stations.	Fuel.	Gas.	Furniture and Repairs.	Supplies.	Incidentals.	Construction, Stock and Apparatus.	Forage and Shoeing Horses.	Printing and Stationery.	Secret Service.	Salaries.	TOTALS.
General Account		$ 138 70	$ 6 00		$ 630 60	$2,663 39	$1,060 79	$15,184 47	$4,322 99	$1,407 41	$6,501 78	$ 41,497 77	$ 73,413 90
Central Station		95 71			14 50	838 06	263 58	87 20	246 95	156 02	242 34	142,303 46	144,147 82
Harrison Street Station	$ 523 50	286 85	720 82	$ 907 97	11 75	1,159 26	1,078 69	96 63	614 05	197 15		55,914 81	61,511 48
22d Street Station		100 52	263 53	221 65		82 69	326 18	14 80	483 15	73 02	7 00	34,785 42	36,357 96
Cottage Grove Av. Station		84 16	216 00	212 66	32 27	84 31	267 44	58 15	273 77	53 75	9 32	29,712 48	31,004 31
35th Street Station		81 85	126 55	106 11	32 73	66 11	208 18	20 69	234 99	34 01	7 90	18,101 36	19,020 48
W. Twelfth St. Station		212 98	491 13	404 15	42 54	797 24	316 10	82 85	500 21	168 63		60,833 07	63,848 90
Hinman St. Station		167 46	245 98	177 35	57 00	29 97	145 88	42 50	463 95	34 02		28,121 81	29,485 92
Deering St. Station		105 80	177 25	225 05	35 85	24 77	173 42	95 80	367 07	34 03		22,877 40	24,116 44
Desplaines St. Station		1,808 67	951 93	961 35	2 00	1,761 88	581 76	195 90	1,628 34	197 25	5 70	65,082 04	73,176 82
West Madison St. Station		20 42	165 75	133 50	15 00	65 94	134 60	24 20	264 63	78 67	10 00	23,024 10	23,936 81
West Lake St. Station		49 56	223 46	247 15	36 00	116 58	256 16	55 60	392 69	58 39		29,413 65	30,849 24
W. Chicago Ave. Station		180 86	209 55	194 40	15 60	350 44	237 60	107 70	467 62	120 58		31,802 23	33,626 58
W. North Ave. Station		25 25	139 75	117 35	38 90	37 48	122 02	19 30	228 36	35 48		17,207 14	17,971 03
Rawson St. Station		36 80	111 80	165 15		34 76	123 81	383 50	253 83	35 58		15,871 72	17,016 95
Chicago Ave. Station		171 64	642 03	504 55	40 30	1,194 78	356 78	77 00	1,233 15	160 99		46,899 66	51,280 88
Larrabee St. Station		68 51	226 20	283 58	3 55	67 41	132 53	88 20	315 07	84 98		27,863 50	29,133 53
Webster Ave. Station		26 95	128 75	88 41		23 62	86 96			35 48		19,432 23	19,822 40
Total	$ 523 50	$ 3,662 69	$ 5,046 48	$ 4,950 38	$ 1,008 59	$ 9,398 69	$5,872 48	$16,634 49	$12,230 82	$2,965 44	$6,784 04	$ 710,643 85	$ 779,721 45

The Police Fund is credited with the following amounts during the year ending December 31, 1884:

Warrants deposited back	$ 484 68
From sale of old iron	40 58

The Police and Firemen's Relief Fund is credited with the following amounts during the year 1884:

Pay of Policemen forfeited, transferred from Salary Account of Police Fund	$ 40 76

Respectfully submitted,

D. WELTER,

Secretary and Inspector.

LOCATION

OF

Police Alarm Telephone Boxes.

CENTRAL DETAIL.

Southwest cor. Michigan ave. and River street

Southwest cor. Central ave. and So. Water street.

Northeast cor. Michigan ave. and Randolph street.

Southwest cor. Michigan ave. and Madison street.

East side of Michigan ave. and north of Adams street.

South side of Van Buren, between Michigan and Wabash aves.

Southeast cor. State and Van Buren streets.

Southeast cor. State and Adams sts.

Southeast cor. State and Madison streets.

Southeast cor. State and Randolph streets.

Southeast cor. State and So. Water streets.

Southeast cor. Clark and So. Water streets.

Southeast cor. Clark and Randolph streets.

Northeast cor. Clark and Madison streets.

Southwest cor. Clark and Van Buren streets.

Northeast cor. Fifth ave. and Van Buren street.

Northeast cor. Fifth ave. and Adams street.

Northeast cor. Fifth ave. and Madison street.

Southwest cor. Fifth ave. and Randolph street.

Southeast cor. Fifth ave. and South Water street.

Northeast cor. Market and Lake streets.

Northeast cor. Market and Madison streets.

Northeast cor. Market and Adams streets.

Northeast cor. Quincy and La Salle streets.

Corner Market and Van Buren sts.

FIRST PRECINCT.

Harrison Street District.

Southwest cor. State and Harrison streets.

North side Hubbard Court, between Wabash and Michigan aves.

Northeast cor. Clark and Taylor streets.

Northwest cor. Harrison and Fourth ave.

Southeast cor. State and Twelfth streets.

Southeast cor. Clark and Twelfth streets.

Northeast cor. Clark and Fourteenth streets.

Southwest cor. State and Fourteenth streets.

South side Fourteenth, bet. Michigan and Indiana aves.

Northeast cor. Van Buren and Market streets.

Southwest cor. Polk street and Fifth ave.

Northwest cor. State and Taylor streets.

Southeast cor. Polk and Clark sts.

South side of Twelftth, bet. Michigan and Wabash aves.

Northwest cor. Polk and State sts.

Twenty-Second Street District.

Northeast cor. Grove and Twenty-second streets.

Southwest cor. of Prairie ave. and Eighteenth street.

Northwest cor. Indiana ave. and Twentieth street.

Northwest cor. Indiana ave. and Twenty-second street.

Southwest cor. Michigan ave. and Sixteenth street.

Southwest cor. State and Nineteenth streets.

Southwest cor. State and Twenty-second streets.

Northwest cor. State and Twenty-fourth streets.

Northwest cor. State and Twenty-sixth streets.

Northwest cor. Hanover and Twenty-ninth streets.

Northwest cor. State and Twenty-ninth streets.

Northwest cor. Wentworth ave. and Swift place.

Northwest cor. Wentworth ave. and Kossuth street.

Northeast cor. Wentworth ave. and Twenty-third street.

Southwest cor. Archer ave. and Clark street.

Southeast cor. Clark and Eighteenth streets.

Southeast cor. Clark and Sixteenth streets.

Southeast cor. Blackwell and Eighteenth streets.

Northeast cor. Purple and Twentieth streets.

Southeast cor. Bushnell street and Stewart avenue.

Southeast cor. Butler street and Archer avenue.

Southwest cor. Shields ave, and Twenty-sixth street.

Southeast cor. Wallace and Twenty-sixth streets.

Southeast cor. Archer ave. and Halsted street.

Northeast cor. Hanover street and Twenty-fourth place.

Southwest cor. State and Sixteenth streets.

Southeast cor. Shields avenue and Thirtieth street.

Southwest cor. Dashiel and Twenty-ninth streets.

Cottage Grove Aveuue District.

Southeast cor. Twenty-second and South Park avenue.

Southwest cor. Calumet ave. and Twenty-fourth street.

Southwest cor. Indiana avenue and Twenty-fourth street.

Southwest cor. Wabash avenue and Twenty-fifth street.

Southwest cor. Indiana avenue and Twenty-sixth street.

Southwest cor. Indiana avenue and Twenty-ninth street.

Northeast cor. Indiana avenue and Thirty-first street.

Northwest cor. Indiana avenue and Thirty-third street.

Northeast cor. Indiana avenue and Thirty-sixth street.

On Indiana ave, one hundred feet north of Thirty-ninth street.

Southwest cor. of Twenty-seventh and Cottage Grove avenue.

Northwest cor. Twenty-ninth and Cottage Grove avenue.

Southwest cor. Thirtieth and Groveland avenue.

Southeast cor. Cottage Grove and Thirty-first street.

Northwest cor. Thirty-third st. and Cottage Grove avenue.

Northwest cor. Thirty-fifth st. and Cottage Grove avenue.

Southeast cor. Thirty-seventh st. and Cottage Grove avenue.

Northeast cor. Thirty-ninth st. and Cottage Grove avenue.

Northwest cor. Twenty-ninth st. and Calumet avenue.

Northeast cor. Thirty-first st. and Calumet avenue.

Northwest cor. Thirtieth street and South Park avenue.

Northeast cor. Thirty-third st. and South Park avenue.

Southeast cor. Thirty-fifth st. and South Park avenue.

Northwest cor. Thirty-seventh street and Stanton avenue.

Northeast cor. Thirty-ninth st. and Vincennes avenue.

Northeast cor. Pier st. and Lake avenue.

Southeast cor. Forrest avenue and Thirty-seventh street.

Thirty-fifth Street District.

Southeast cor. of Halsted and Thirty-third streets.

Southeast cor. Halsted and Thirty-seventh streets.

Northeast cor. Halsted and Thirty-first streets.

Northeast cor. Halsted and Thirty-ninth streets.

Southwest cor. Laurel and Thirty-fifth streets.

Southeast cor. Laurel and Thirty-first streets.

Northwest cor. Laurel and Thirty-eighth streets.

Southeast cor. Ullman and Thirty-fifth streets.

Northwest cor. Wallace and Thirty-seventh streets.

Northwest cor. Wentworth avenue and Thirty-third streets.

Southwest cor. Wentworth avenue and Thirty-first streets.

Northwest cor. Wentworth avenue and Thirty-ninth streets.

Southwest cor. Wentworth avenue and Thirty-seventh streets.

Northwest cor. Wentworth avenue and Thirty-fifth streets.

Southeast cor. State and Thirty-first streets.

Northwest cor. State and Thirty third streets

Southeast cor. State and Thirty-fifth streets.

Southeast cor. State and Thirty-Seventh streets.

Northwest cor. State and Thirty-Ninth streets.

Southeast cor. Springer and Ullman streets.

Southeast cor. Wallace and Thirty-fifth streets.

Northwest cor. Parnell avenue and Thirty-first street.

SECOND PRECINCT.

West Twelfth Street District.

Northeast cor. Clinton and Harrison streets.

Northwest cor. Canal and Ewing sts.

Northwest cor. Canal and Sixteenth streets.

Northeast cor. Canal and Fourteenth streets.

Southwest corner Canal and Meagher streets.

Southeast cor. Taylor and Jefferson streets.

Northeast cor. Bunker and Jefferson streets.

Southeast cor. Maxwell and Jefferson streets.

Northeast cor. Gurley and Sholto streets.

Southeast cor. Morgan and Fourteenth streets.

Northeast cor. Meagher and Jefferson streets.

Southeast cor. Harrison and May streets.

Southeast cor. Center avenue and Taylor street.

Southeast cor. Lumber and Twelfth streets.

Southeast cor. Harrison and Halsted streets.

Northeast cor. Ewing and Halsted streets.

Southeast cor. DeKoven and Halsted streets.

Northwest cor. Blue Island avenue and Thirteenth place.

Southeast cor. Halsted and O'Brien streets.

Northeast cor. Halsted and Fourteenth streets.

Northeast cor. Halsted and Sixteenth streets.

Northeast cor. Loomis and Polk sts.

Southeast cor. Morgan and Taylor streets.

Northwest cor. Western avenue and Polk street.

Southeast cor. Center avenue and Polk street.

Southeast cor. Ashland avenue and Twelfth street.

Northeast cor. Center avenue and Twelfth street.

Southeast corner Center avenue and Fourteenth street.

Northeast cor. Ogden avenue and Taylor street.

Southwest cor. Ogden and Western avenues.

Southeast cor. Loomis and Twelfth streets.

Northwest cor. Desplaines and Polk streets.

Northwest cor. Harrison and Morgan streets.

Southeast cor. Loomis and Fourteenth streets.

Northeast cor. Ogden avenue and Polk street.

Northeast cor. Ashland avenue and Polk street.

Northwest cor. Blue Island avenue and Polk street.

Northeast cor. Wood and Twelfth streets.

Southeast cor. Paulina and Fifteenth street.

Northwest cor. Ashland avenue and Fourteenth street.

Southeast cor. Oakley avenue and Polk street.

Southeast cor. Throop and Fifteenth streets.

Southwest cor. Throop and Thirteenth streets.

Hinman Street District.

Northeast cor. Western and Blue Island avenues.

Northwest cor. Robey street and Blue Island avenue.

Northwest cor. Wood street and Blue Island avenue.

Northeast cor. Twenty-second street and Blue Island avenue.

Southeast' cor. Laflin street and Blue Island avenue.

Northwest cor. Eighteenth street and Blue Island avenue.

Southwest cor. Sixteenth street and Blue Island avenue.

Northwest cor. Eighteenth st. and Western avenue.

Southwest cor. Eighteenth and Paulina streets.

Southeast cor. Eighteenth street and Center avenue.

Northeast cor. Eighteenth and Canal streets.

Southeast cor. Nineteenth street and Hoyne avenue.

Northeast cor. Nineteenth and Fisk streets.

Northeast cor. Eighteenth and Halsted streets.

Southeast cor. Mark and Halsted sts.

Southeast cor. O'Neil and Halsted streets.

Northwest cor. Twenty-second and Union streets.

Northwest cor. Twenty-second and May streets.

Northwest cor. Twenty-second and Loomis streets.

Northeast cor. Twenty-first and Robey streets.

Southwest cor. Twenty-first and Wood streets.

Southwest cor. Twenty-first and Throop streets.

Northeast cor. Twentieth and Brown streets.

Southeast cor. Sixteenth and Brown streets.

Southeast cor. Sixteenth and String streets.

Northeast cor. Ruble street and Canalport avenue.

Southwest cor. Rockwell street and Ogden avenue.

Southeast cor. California and Ogden avenues.

Southeast cor. Millard street and Ogden avenue.

Southeast cor. Millard and Twenty-fourth streets.

Deering Street District.

Ashland avenue and Thirty-eighth street, opp. No. 3834 Ashland ave.

Northeast cor. Beers and Thirty-fifth streets.
Southwest cor. Archer avenue and Thirty-seventh street.
Southeast cor. Archer avenue and Beers street.
Northwest cor. Ashland avenue and Thirty-fifth street.
Northwest cor. Ashland avenue and Thirty-third street.
Southwest cor. Ashland and Archer avenues.
Southwest cor. Lock and Thirty-first streets.
Southwest cor. Archer avenue and Lime street.
Northwest cor. Deering and thirty-first streets.
Southwest cor. Archer avenue and Pitney court.
Southwest cor. Archer avenue and Farrell street.
Southeast cor. Archer avenue and Mary street.
Southwest cor. Archer avenue and Church place.
Southeast cor. Deering and Cologne streets.
Northwest cor. Fuller and Cologne streets.
Northeast cor. Halsted and Twenty-ninth streets.
Southwest cor. Maine and Cologne streets.
Southeast cor. Maine and Sterns sts.
Northeast cor. Lyman and Keeley streets.

THIRD PRECINCT.

Desplaines Street District.

Southwest cor. Canal and VanBuren streets.
Southwest cor. Jefferson and Van Buren streets.
Southwest cor. Halsted and Van Buren streets.
Southeast cor. Sangamon and Van Buren sts.
Southeast cor. Center avenue and Van Buren street.
Southwest cor. Canal and Adams streets.
Southwest cor. Jsfferson and Adams streett.
Southwest cor. Halsted and Adams streets.
Southwest cor. Center avenue and Adams street.
Southeast cor. Sangamon and Adams streets.
Southwest cor. Canal and Madison streets.
Southwest cor. Jefferson and Madison streets.
Southeast cor. Halsted and Madison streets.
Southeast cor. Sangamon and Madison streets.
In front of No. 296 W. Madison st.
Southwest cor. Center avenue and Madison street.
Southwest cor. Canal and Randolph streets.
Southeast cor. Halsted and Randolph streets.
Northeast cor. Peoria and Randolph streets.
Northwest cor. Carpenter and Randolph streets.
Northeast cor. Ann and Randolph streets.
Southwest cor. Canal and Fulton streets.
Northeast cor. Morgan and Fulton streets.
Southwest cor. Carroll avenue and Union street.
Northeast cor. Halsted and Fulton streets.
Southwest cor. Carroll avenue and Ann street.

West Lake Street District.

Southwest cor. Madison street and Ogden avenue.
Southwest cor Randolph street and Ogden avenue.
Southwest cor. Wood and Madison streets.
Southeast cor. Wood and Lake sts.
Southwest cor. Ashland avenue and Kinzie street.

Southeast cor. Carroll avenue and Sheldon street.

Northeast cor. Carroll avenue and Lincoln street.

Northwest cor. Jackson and Paulina streets.

Northwest cor. Ashland avenue and Van Buren street.

Southwest cor. Ashland avenue and Harrison street.

Northeast cor. Loomis and Congress street.

Northwest cor. Wood and Harrison streets.

Southeast cor. Robey and Lake sts.

Southeast cor. Hoyne avenue and Lake street.

Northeast cor. Madison and Robey streets.

Southeast cor. Jackson street and Hoyne avenue.

Northwest cor. Harrison and Robey streets.

Southeast cor. Madison and Loomis streets.

Southeast cor. Van Buren and Wood streets.

Southeast cor. Randolph and Elizabeth streets.

Southwest cor. Carroll avenue and Elizabeth street.

Southeast cor. Jackson and Throop streets.

West Madison Street District.

Northeast cor. Fortieth and Madison streets.

Northeast cor. Fortieth and Lake sts.

Northwest cor. Western avenue and Madison street.

Northeast cor. Oakley avenue and Madison street.

Northeast cor. Leavitt and Madison streets.

Southwest cor. Hoyne avenue and Madison street.

Southwest cor. Rockwell and Madison streets.

Southwest cor. California avenue and Madison street.

Southwest cor. Van Buren and Leavitt streets.

Northwest cor. Western avenue and Jackson streets.

Northwest cor. Rockwell and Jackson streets.

Northwest cor. Van Buren st. and Campbell avenue.

Northwest cor. Jackson street and Sacramento avenue.

Southeast cor. Lake and Leavitt sts.

Southwest cor. Lake and Western avenue.

Northwest cor. Rockwell and Harrison streets.

Southeast cor. Lake street and Kedzie avenue.

Southeast cor. Fulton street and Francisco avenue.

Southeast cor. Fulton street and Washtenaw avenue.

Southeast cor. Fulton street and Oakley avenue.

Northeast cor. Lake st. and Homan avenue.

Southeast cor. Fulton street and Hoyne avenue.

Southwest cor. Kinzie and Leavitt streets.

Northeast cor. Kinzie street and Western avenue.

Northeast cor. Harrison street and Western avenue.

Northeast cor. Harrison street and Hoyne avenue.

Northeast cor. Harrison street and Irving place.

Northwest cor. Van Buren street and Albany avenue.

Northwest cor. Jackson street and California avenue.

Southwest cor. Rockwell and Lake streets.

FOURTH PRECINCT.

West Chicago Avenue District.

Southwest cor. Noble and Erie sts.

Northwest cor. Hoyne avenue and Erie street.

Northeast cor. Indiana street and Western avenue.

Southeast cor. Flag and Pratt sts.

Northwest cor. Thomas and Western avenue.

Southwest cor. Paulina and Indiana streets.

Southwest cor. Wood and Augusta streets.

Northeast cor. Cornell and Noble streets.

Northwest cor. Huron street and Milwaukee avenue.

Northeast cor. Augusta street and Ashland avenue.

Northwest cor. Cornell and Milwaukee avenue.

Northeast cor. Kinzie and Desplaines streets.

Southwest cor. Centre avenue and Indiana street.

Southwest cor. Halsted and Indiana streets.

Southwest cor. Augusta and Elston avenue.

Southeast cor. Front and Carpenter streets.

Southeast cor. Noble and Chicago avenue.

Southeast cor. Ashland and Chicago avenues.

Northwest cor. Wood and Chicago avenue.

Southwest cor. Robey and Chicago avenue.

Southeast cor. Leavitt and Chicago avenue.

Northwest cor. Western and Chicago avenue.

Southwest cor. Erie and Lincoln streets.

Southeast cor. Erie street and Ashland avenue.

Northeast cor. Erie street and Centre avenue.

Northeast cor. Erie and Carpenter streets.

Southeast cor. Erie and Halsted sts.

Southwest cor. Ohio and Desplaines streets.

Southeast cor. Morgan and Indiana streets.

Northeast cor. Wood and Kinzie sts.

Northeast cor. Austin avenue and Elizabeth street.

Southeast cor. Noble and Indiana streets.

Northeast cor. Robey and Kinzie streets.

Southwest cor. Oakley avenue and Indiana street.

Southwest cor. Lincoln and Indiana streets.

Southwest cor. Hoyne avenue and Indiana street.

Sortheast cor. Ohio street and Milwaukee avenue.

Southeast cor. Ashland avenue and Indiana street.

Southeast cor Wood and Indiana streets.

Northwest cor. Canal and West Water streets.

West North Avenue District.

Northeast cor. McReynolds and Paulina streets.

Northwest cor. Robey and Fowler streets.

Southwest cor. Wood and Division streets.

Northeast cor. Leavitt street and North avenue.

Southeast cor. Wood street and North avenue.

Northwest cor. Robey street and Armitage road.

Northwest cor. Wood street and Milwaukee avenue.

Northeast cor. Western and North avenue.

Northeast cor. Hoyne and Evergreen avenues.

Northeast cor. Milwaukee and Oakley avenues.

Northeast cor. Wood street and Claybourn place.

Southeast cor. Paulina and Wabansia streets.

Southwest cor. Paulina street and Milwaukee avenue.

Southeast cor. California and North avenues.

Rawson Street District.

Southeast cor. Elston and Fullerton avenues.

Southwest cor. Elston and Armitage avenues.

Southeast cor. Elston avenue and Clybourn place.
Northeast cor. Elston and Wabansia avenues.
Southeast cor. Elston avenue and Blackhawk street.
Southeast cor. Elston avenue and Division street.
Northeast cor. Noble and Milwaukee avenue.
Southeast cor. Division street and Milwaukee avenue.
Southeast cor. Holt and Bradley sts.
Northeast cor. Sloan and Noble sts.
Southwest cor. North avenue and Noble street.
Southeast cor. North and Ashland avenues.
Northeast cor. North avenue and Fleetwood street.
Northwest cor. Dickson and Blackhawk streets.

FIFTH PRECINCT.

Chicago Avenue Station.

Cor. Chicago ave. and Wells st.
" Indiana and Wells sts.
" Kinzie and Wells st.
" Erie and Wells st.
" Pine st. and Walton place.
" Kinzie and Market sts.
" Clark and Erie sts.
" Clark and Indiana sts.
" Kingsbury and Indiana sts.
" Clark and Kinzie sts.
" State and Kinzie sts.
" State and Oak sts.
" State and Indiana sts.
" State st. and Chicago ave.
" Pine st. and Chicago ave.
" State and Erie sts.
" St. Clair and Erie sts.
" St. Clair and Indiana sts.
" Market and Erie sts.
" Market and Indiana sts.
" Kingsbury and Erie sts.
" Wesson st. and Chicago ave.
" Market st. and Chicago ave.
" Franklin and Ohio sts.
Cor. Rush and Michigan sts.
" Clark st. and Washington pl.
" Oak and Larrabee sts.
" Hobbie st. and Milton ave.
" Oak and Clark sts.
" Oak and Wells sts.
" Oak and Sedgwick sts.
" Illinois st. & Lake Shore D've.
" Division and Clark sts.
" Cass and Chestnut sts.
" Division and Townsend sts.
" Crossby and Elm sts.
" Larrabee st. and Hawthorne av.

Larrabee Street District.

Clybourn ave. and Hurlbut sts.
Cor. Blackhawk and Hurlbut sts.
" Sedgwick and Menomonee sts.
" Halsted and Willow sts.
" Halsted and Division sts.
" Larrabee and Willow sts.
" Clark and Schiller sts.
" Wells and Schiller sts.
" Wells and Menomonee sts.
" Clark st. and North ave.
" Clybourn ave. & Bl'khawk st.
" Clybourn ave. & Larrabee st.
" Clybourn ave. and Willow st.
" Wells and Division sts.
" Wells st. and North avenue.
" Clybourn and North aves.
" State and Division sts.
" Halsted and Rees sts.
" State and Schiller sts.
" Sedgwick st. and North ave.
" Larrabee and Division sts.
" North and Sheffield avenue.
" Sedgwick and Division sts.
" Sedgwick and Schiller sts.

Webster Avenue District.

Cor. Halsted and Webster ave.
" Racine and Webster ave.
" Fullerton and Southport aves.
" Clark and Center sts.
" Clark st. and Beldon ave.

Cor. Southport and Clybourn aves.
" Sedgwick and Centre sts.
" Webster and Clybourn aves.
" Garfield ave. and Orchard st.
" Clay and Halsted sts.
" Larrabee and Centre sts.
" Orchard st. and Lincoln ave.
" Webster and Sheffield aves.
" Ashland and Clybourn aves.
" Racine and Clybourn aves.
" Halsted and Centre sts.
" Centre st. and Sheffield ave.

Total No. Boxes, 434.

Fire Department.

REPORT

OF THE

FIRE MARSHAL

OF THE

CITY OF CHICAGO,

TO THE

COMMON COUNCIL,

FOR THE

Fiscal Year Ending December 31, 1884.

CHICAGO:
GEO. K. HAZLITT & CO., PRINTERS, 172 & 174 CLARK ST.
1885.

FIRE MARSHAL'S REPORT.

OFFICE OF THE FIRE MARSHAL,
CHICAGO, ILL., January 1, 1885.

To the Honorable the Mayor and Board of Aldermen of the City of Chicago, in Common Council assembled:

GENTLEMEN:—I have the honor herewith to submit to you the Annual Report of the Fire Department, for the fiscal year ending December 31st, 1884, the same being my sixth annual report, and the twenty-seventh of the Paid Fire Department of the City of Chicago, in which is a record of the operations of the department during the past year.

Nine fires have occurred during the past year wherein the loss exceeded the sum of thirty thousand dollars ($30,000), viz.:

January 5, 1884—Six-story tenement building of J. K. Fisher, northwest corner Michigan Ave. and Van Buren Street; loss $48,000.

January 6, 1884—F. A. Kennedy's bakery, 44 to 50 South Desplaines Street; loss $56,000.

January 20, 1884—E. Snider & Co.'s candle manufactory, southwest corner Wallace and McGregor Streets; loss $35,000.

February 17, 1884—Grocery store of C. Jevne, 110 and 112 East Madison Street; loss $92,930.

May 25, 1884—Warehouse of H. Sibley, corner North Water Street and Dearborn Avenue; loss $130,628.

October 10, 1884—Church of the Third Presbyterian Society, northeast corner Ashland and Ogden Avenues; loss $35,000.

October 26, 1884—A. J. Spaulding's store, sporting materials, 108 East Madison Street; loss $53,000.

October 29, 1884—Schnable & Co., barb-wire, etc., 124 to 128 Michigan Street; loss $68,000.

November 24, 1884—A. L. Hodge & Co., paper warehouse, 181 E. Monroe Street; loss $43,500.

The apparatus of the department has been increased by three new steam engines, two of which replaced old machines worn out in service and one placed in service with new Engine Co. No. 34. Also two patent turntable hook and ladder trucks and fire-escapes have been added; one placed in Hook and Ladder No. 6's house, No. 218 S. Franklin Street, and the other in Hook and Ladder No 3's house; said company also operates a four-wheel chemical engine.

Three new buildings have been completed and occupied during the year, viz.: A three-story brick building on city lot, No. 179 E. Erie Street, now occupied by Hook and Ladder Co. No. 3; a three-story brick building on city lot, No. 19 S. Curtis Street, now occupied by Engine Co. No. 34, organized and added to the fourth Battalion in last December; a two-story

brick building on city lot, No. 524 N. Halsted Street, now occupied by Hook and Ladder Co. No. 10, organized and added to the third Battalion in last December; said company also operates a new two-wheel chemical engine, purchased during the year.

These buildings are of modern design and are the most complete buildings now in use by this department.

The department buildings generally are in good condition excepting one or two that require some few repairs.

The wooden stable floors of a number of these buildings have been replaced by stone, which I consider quite an improvement, and of material benefit to health and good condition of the department horses. All repairs and alterations to the building have been made by the members of the department, detailed for that purpose, under the supervision of William Musham First Asst. Fire Marshal and Dept. Inspector.

During the year the department has responded to the following alarms:

Fire alarms	1,278
False alarms	104
False still alarms	178
Second alarms	33
Third alarms	7
Special calls	25
Alarms outside city limits	37
Total	1,662

Giving an increase of 177 alarms attended over the previous year.

Distance traveled by apparatus is 14,899 miles. Working time of apparatus 1,984 hours; 346 fires were discovered by members of the department from the watch towers.

The uniform force of the department consist of the following named officers and members:

Fire Marshal and Chief of Brigade	1
First Asst. Fire Marshal and Department Inspector	1
Asst. Fire Marshal and Dept. Sec'y	1
Chiefs of Battalions	7
Captains	44
Lieutenants	47
Engineers	34
Asst. Engineers	34
Pipemen and Truckmen, 1st grade	132
Pipemen and Truckmen, 2d grade	35
Drivers	89
Watchmen	5
Total uniform force	430
Clerks	2
Superintendent of horses	1
Supt. of Fire Alarm Telegraph	1
Chief operator	1
Operators	4
Inspector Electric Lights	1
Repairers	5
Linemen	2
Batteryman	1
Lieutenant detailed at repair shop	1
Truckmen detailed at repair shop	2
Total force	451

The apparatus of the department is classified, as follows:

Engine Companies	34
Hook and Ladder Companies (one operates a two-tank, two-horse, four-wheel chemical engine; three operates one-horse, one-tank, two-wheel chemical engine, and one company also operates the Improved Stand-pipe and Water-Tower)	10
Chemical Engine Companies	2
Total	46

The valuation of property in use by the department is estimated, as follows:

Buildings	$ 338,650 00
Real Estate	220,005 00
Apparatus	331,893 85
Fire Alarm Telegraph	274,508 58
Total	$1,165,057 43

The amount of labor performed at the department repair shop has been considerable and is shown in detail in the appended report of Assistant Fire Marshal, Charles S. Petrie, who superintends that branch of the service.

The machinery of the department has been kept in

good working condition throughout the year. I fully concur in the recommendations set forth in his report.

The Fire Alarm Telegraph system has been improved during the year, especially in placing additional lines underground. This I consider an important item, and recommend that an appropriation be made from year to year until the wires of the entire system shall have been so placed.

The increased number of alarms during the past year, between the hours of 10 o'clock P. M., and 6 o'clock A. M., have seriously interfered with the necessary rest and sleep of the members not responding to the same. I suggested the necessity of changing our system of sounding alarms, during said hours, to the Superintendent of Fire Alarm Telegraph. He has devised and placed on trial at the quarters of Engine Company No. 13, a plan whereby the member on patrol duty receives and locates the alarm, and only notifies the company when they respond by striking a local gong in company quarters. Should this device prove successful, I would recommend its adoption.

The following is the number of alarms received between the hours mentioned for the fiscal year 1884:

10 and 11	o'clock	p. m.		73
11 and 12	"	"		88
12 and 1	"	a. m.		65
1 and 2	"	"		84
2 and 3	"	"		43
3 and 4	"	"		73

4 and 5 " " ----------33
5 and 6 " " ----------31

I respectfully refer you for further particulars to the Superintendent's report, herewith annexed.

I fully concur in the recommendations set forth in the report of Superintendent, John P. Barrett.

The discipline of the department has retained its usual high standard. The quarterly inspection of drill has demonstrated the fact that the members are proficient in their several duties and all that could be desired.

Good progress has been made in the Pompier Drill and I consider this branch of the service almost perfect. Such proficiency has been acquired by constant and laborious drill. I would here commend those officers and members who have shared its arduous duties, for the faithful manner in which they have discharged its duties, and for the present efficiency of a system that will enable the department to cope with fires in the highest buildings. This system is now operated by our Hook and Ladder Companies.

There are 198 horses in use in the department. On account of poor condition, a great many have been replaced by better stock during the year. Their condition at date is all that could be desired. During the year ten died, eleven were sold, and six were exchanged.

The report of the inspector shows the quantity and quality of hose to be, as follows:

2½	inch	rubber	hose,	condition good	14,910 feet
2½	"	"	"	" fair	5,987 "
3½	"	"	"	" fair	250 "
2½	"	"	"	" poor	3,900 "
					25,047
2½	"	cotton	"	" good	6,200 "
3½	"	"	"	" good	350 "
2½	"	"	"	" fair	2,500 "
					9,050
Chemical engine hose, condition, good.					2,100 feet
"	"	"	"	fair	350 "
					2,450
2½	inch	rubber	hose,	condition good	5,300 feet
Total feet					41,847

The department of Public Works have made the following improvements in the water supply for fire department purposes:

4 inch pipe laid	22,534
6 inch pipe laid	81,744
8 inch pipe laid	30,688
12 inch pipe laid	11,220
16 inch pipe laid	5,957
24 inch pipe laid	4,074
36 inch pipe laid	251
Total	156,468

This amount added to the 526 $\frac{1590}{5280}$ miles in use at the end of the fiscal year 1883, gives us a present total

of main and distributing pipes used by the city of 555 $\frac{4}{5}\frac{9}{2}\frac{3}{8}\frac{8}{0}$ miles.

The following comparative statement shows the number of fires, losses, insurance, etc., for the past twenty-one years and nine months:

Years.	No. of Fires.	No. of False Al'rm.	Amount of Total loss.	Amount of Total Ins.	Loss for each Fire.	Population.	Populat'n to each Fire.	Loss Per Capita of Populat'n
1863–4	186	16	$335,660	$272,500	$1,912	153,769	827	2.30
1864–5	193	32	651,798	585,300	3,403	169,353	877	3.85
1865–6	243	21	1,216,466	941,602	5,006	178,539	792	6.81
1866–7	315	26	2,487,973	1,643,445	7,898	189,434	603	13.13
1867–8	315	57	4,315,332	3,417,288	8,185	200,328	389	21.04
1868–9	405	67	560,169	463,248	1,383	252,000	622	2.22
1869–70	600	45	871,905	600,061	1,453	300,000	500	2.90
1870–1	669	35	2,447,845	2,183,498	3,658	330,000	493	7.75
1871–2*	489	44	972,800	745,000	1,989	350,000	716	2.77
1872–3	441	44	680,099	3,763,275	1,542	367,396	831	1.58
1873–4	466	68	1,013,246	3,641,735	2,174	395,408	848	2.56
1874–5†	473	83	2,345,684	6,789,300	4,959	395,408	836	5.93
1875‡	332	67	127,014	2,328,150	383	395,408	1,191	.32
1876	477	123	387,951	3,780,060	811	407,661	855	.95
1877	445	132	1,044,997	6,173,575	2,340	407,661	918	2.56
1878	478	88	206,317	3,327,348	641	436,731	914	.71
1879	638	135	572,082	5,112,631	896	436,731	669	1.31
1880	804	154	1,135,816	5,409,480	1,411	491,516	611	2.31
1881	895	89	921,495	9,662,326	1,029	491,516	549	1.87
1882	981	107	569,885	12,587,090	581	560,693	572	1.02
1883	1,153	74	1,379,736	21,790,767	1,196	606,000	525	2.27
1884	1,278	104	968,229	12,048,683	756	629,985	493	1.53

*The great fire not here included. †The large fire included.
‡Nine months ending December 31, 1875.

Eight members of the department having passed the required examination, have been promoted. Eighteen resigned. Thirteen were discharged for violating the rules. Seven reduced to inferior positions for cause. The names of nine substitutes in the service were stricken from the list of applicants for appointment; and forty-nine new members have been appointed.

In the aggregate, the pay of 212 days' services rendered by the members of the department were

forfeited for violations of the rules and regulations, amounting to five hundred and eighty-eight $\frac{51}{100}$ dollars ($588.51) paid to the Treasurer of the Police and Firemen's Relief fund.

CASUALITIES.

Sixteen slight, thirty-six severe, six serious, and one fatal, accidents to members have occurred during the year.

Mortality.

The Department has been called upon to mourn the loss of two worthy members during the past year.

DAVID B. KENYON,

Captain of Engine Co. No. 21, in command of First Battalion, on the 25th day of October, 1884, of internal injuries sustained by the wheel of Engine No 32 passing over him when accidentally thrown from his buggy responding to an alarm of fire from Station No. 47, 3d day of October, 1884. He became a member of the Department December 1, 1869, promoted to the position of Captain, December 5, 1872, in which position he served with ability until April 15, 1884, when he was assigned to duty in command of the First Battalion. In the discharge of such duty he received the fatal injuries that caused his death.

THOMAS F. HEANEY,

Watchman of Engine Co. No. 15, on the 30th day of October, A. D. 1884, of heart disease. He became a member of the Department March 1, 1882.

The following list gives the number of lives lost at fires during 1884, together with causes assigned; also, after which is given a list of the number rescued from burning buildings by the members of the Department during the same period:

FIRE DEPARTMENT—1884.

DATE.	LOCATION.	LIVES LOST.	CAUSE.
June 11	Rear 296 Centre Ave.	2	Suffocation.
October 29	124 Michigan St.	1	Jumped from window.
October 29	124 Michigan St.	1	Suffocation.
October 30	116 South Halsted St.	1	Lighting fire with oil.
	Total	5	

DATE.	LOCATION.	No. of Persons Rescued.
January 5	N. W. cor. Mich. Av. & Van Buren.	2
March 12	346 State St.	3
October 28	1446 Wabash Ave.	1
December 9	113 Canal St.	1
	Total	7

The following comparative statement shows the expense of the department since 1870, in comparison with the number of companies and apparatus maintained during each year, viz.:

Year.	No. of Companies.	Total.
1870	26	$366,700 66
*1871	28	182,023 15
1872	35	423,057 34
1873	41	586,618 96
1874	43	624,795 22
1875	43	411,245 12
1876	41	478,340 22
1877	42	507,001 12
1878	42	389,692 36
1879	41	420,308 82
1880	43	454,304 18
1881	45	568,760 87
1882	45	545,021 03
1883	45	556,551 80
1884	47	657,957 46

*Six months.

Your attention is respectfully called to the documents hereto attached, to-wit:

Exhibit "A" shows the organization, number, location and roster of each company.

Exhibit "B" is the record of fires.

Exhibit "C" is the report of the 1st Assistant Fire Marshal and Department Inspector.

Exhibit "D" is the report of the Assistant Fire Marshal in charge of repairs.

Exhibit "E" is the report of the Superintendent of Fire Alarm and City Telegraph.

Respectfully submitted,

D. J. SWENIE,

Fire Marshal.

EXHIBIT "A."

ORGANIZATION OF THE FIRE DEPARTMENT.

Headquarters, New City Hall.

D. J. SWENIE,
Fire Marshal and Chief of Brigade.

WILLIAM H. MUSHAM, - 1st Asst. Fire Marshal and Dept. Inspector.

CHARLES S. PETRIE, - - Asst. Fire Marshal and Dept. Secretary.

MAURICE W. SHAY, - Chief 1st Battalion detailed Fire Inspector.

JOHN H. GREENE, - - - - - Chief of 2d Battalion.
MICHAEL W. CONWAY, - - - - " 3d "
JOEL A. KINNEY, - - - - - - " 4th "
JOHN CAMPION, - - - - - " 5th "
PETER SCHNUR, - - - - - - " 6th "
LEO MEYERS, - - - - - - - " 7th "

JOSEPH C. PAZEN, - - - Captain commanding 1st Battalion.

FRED. N. SHIPPY, - - - - - - - - - - Clerk.
PATRICK H. O'TOOLE, - - - - - - - - "

EUGENE SULLIVAN, - - - - - - Supt. of Horses.

THOMAS MONAGHAN, - - - - Driver for Fire Marshal.

RICHARD STRINGER, - - Driver, Fuel and Supply Wagon.
ALFRED PHILLIPS, - - - " " " " "
JOHN CAVANAUGH, - - - " " " " "
WILLIAM L. HEARTT, - - - " " " " "
NORMAN T. ORMSBY, - - - " " " " "

FIRE ALARM TELEGRAPH.

Central Office, New City Hall.

JOHN P. BARRETT,

Superintendent.

DAVID M. HYLAND, - - - - - - - Chief Operator.

JOHN FITZPATRICK, - - - - - - - - Operator.
WILLIAM CARROLL, - - - - - - - - - "
HENRY LESER, - - - - - - - - - - "
JACOB F. MEHREN, - - - - - - - - - "

FREDERICK W. GUND, - - - - - - - - Repairer.
JAMES FITZPATRICK, - - - - - - - - "
FRANK W. SWENIE, - - - - - - - - - "
THOMAS BURNS, - - - - - - - - - "
JOHN MANGAN, - - - - - - - - - - "

OWEN B. DOUGHERTY, - - - - - - - - Lineman.
JOHN STACK, - - - - - - - - - - - "

NILS OLESEN, - - - - - - - - - Batteryman.

CLARK C. HASKINS, - - - - Inspector Electric Lights.

ENGINE COMPANY NO. 1.

No. 220 S. Franklin Street.

MEMBERS.	POSITION.	RESIDENCE.
John Klett	Captain	200 E. Division street.
John Clingen	Lieutenant	1819 Butterfield street.
John Ryan	Pipeman	2424 Sanger street.
John Canty	Pipeman	110 Brown street.
John Eckland	Pipeman	496 Park avenue.
James Lefevour	Pipeman	328 Walnut street.
John Hammill	Engineer	127 Lytle street.
George Leslie	Asst. Engineer	39 Plum street.
Thomas Fitzgerald	Driver	106 Marble place.
Patrick Murphy	Driver	114 Sebor street.

ENGINE COMPANY NO. 2.

No. 14 Sanger Street.

MEMBERS.	POSITION.	RESIDENCE.
Lewis Fiene	Captain	2876 Archer avenue.
William J. Sweeney	Lieutenant	2728 Archer avenue.
Joseph Stoltz	Pipeman	49 Finnel street.
Bernard McDonough	Pipeman	3441 Dearborn street.
Timothy Moynihan	Engineer	166 Kossuth street.
Robert A. Whalan	Asst. Engineer	605 25th street.
Isaac M. Adler	Driver	512 26th street.
Jas. Dwyer	Driver	2803 Emerald avenue.

ENGINE COMPANY NO. 3.

No. 237 W. Chicago Avenue.

MEMBERS.	POSITION.	RESIDENCE.
John McLean	Captain	276 N. May street.
Norman N. Holt	Lieutenant	381 W. Indiana street.
Alexander Kopeto	Pipeman	46 Cornell street.
Henry Kaulbach	Pipeman	667 Milwaukee avenue.
Ener C. Anderson	Pipeman	247 W. Chicago avenue.
Dominick Malatesta	Engineer	441 W. Huron street.
William H. Cogswell	Asst. Engineer	692 Milwaukee avenue.
Joseph R. Home	Driver	20 Fry street.
David Cowing	Driver	201 W. Chicago avenue.
Charles Miller	Watchman	412 Sedgwick street.

ENGINE COMPANY NO. 4.

No. 409 Larrabee Street.

MEMBERS.	POSITION.	RESIDENCE.
John G. Carlson	Captain	39 Grove street.
Thomas H. Maxwell	Lieutenant	464 Webster avenue.
William McDermott	Pipeman	162 Seminary street.
Frank Geis	Pipeman	20 Hull street.
Frank B. Flynn	Engineer	30 Menominee street.
Charles Blom	Asst. Engineer	907 N. Halsted street.
William Cary	Driver	290 N. Branch street.
Adam Breit	Driver	611 Larrabee street.
George W. Helmer	Watchman	912 Halsted street.

ENGINE COMPANY NO. 5.

No. 197 S. Jefferson Street.

MEMBERS.	POSITION.	RESIDENCE.
Henry Greenhoff	Captain	127 Vedder street.
John Hall	Lieutenant	125 Brown street.
Frederick Sloat	Pipeman	211 W. 12th street.
Frank Walter	Pipeman	499 23d street.
Joseph Wadley	C. Pipeman	172 Carroll avenue.
William H. Sampson	Engineer	763 Carroll avenue.
Conrad Lisegang	Asst. Engineer	142 Dayton street.
Peter F. Quinn	Driver	2957 Deering street.
Lawrence Redmond	Driver	56 Newberry avenue.

ENGINE COMPANY NO. 6.

No. 143 Maxwell Street.

MEMBERS.	POSITION.	RESIDENCE.
John J. Hennessey	Captain	216 S. Halsted street.
Daniel Wall	Lieutenant	246½ Sangamon street.
Patrick Foley	Pipeman	220 W. 18th street.
John J. Evans	Pipeman	567 S. Jefferson street.
Michael McKeirnan	Pipeman	134 W. 12th street.
Robert Millar	Engineer	85 Johnson street.
John Knight	Asst. Engineer	17 O'Brien street.
Matthew Prindiville	Driver	513 Morgan street.
Michael Kearnin	Driver	134 W. 12th street.

ENGINE COMPANY NO. 7.

No. 31 Blue Island Avenue.

MEMBERS.	POSITION.	RESIDENCE.
James Heaney	Captain	199 Mather street.
Cornelius Manning	Lieutenant	468 W. 12th street.
Louis L. Ernst	Pipeman	211 Forquar street.
Joseph Heaney	Pipeman	658 W. 21st street.
Charles Scouten	Pipeman	362 25th street.
George D. Hahn	Engineer	410 W. Taylor street.
James C. Syme	Asst. Engineer	338 Center avenue.
Martin Murphy	Driver	342 Blue Island avenue.
Patrick W. Murphy	Driver	612 Loomis street.

ENGINE COMPANY NO. 8.

No. 16 Archer Avenue.

MEMBERS.	POSITION.	RESIDENCE.
William H. Townsend	Captain	758 27th street.
Stephen Scanlan	Lieutenant	569 31st street.
John Gahan	Pipeman	2512 Wentworth avenue.
James Tobin	Pipeman	2623 Butterfield street.
Michael A. Curry	Pipeman	311 W. 15th street.
Wallace T. Phelps	Engineer	3536 Butterfield street.
Frank B. Hutchinson	Asst. Engineer	229 26th street.
Daniel I. Cleghorn	Driver	122 33d street.
Frank J. Donnegan	Driver	21 Plum street.
Cornelius C. Casey	Watchman	2922 Shurtleff avenue.

ENGINE COMPANY NO. 9.

No. 2527 Cottage Grove Ave.

MEMBERS.	POSITION.	RESIDENCE.
Eugene Sweeney	Captain	57 Newberry Ave.
Martin Mergenthaler	Lieutenant	27 Finnell St.
Lorenz Schnidt	Pipeman	2353 State St.
John O'Leary	Pipeman	3029 Lowe Ave.
George Leady	Engineer	114 Twenty-ninth St.
John Dawson	Asst. Engineer	2508 South Park Ave.
James Murnane	Driver	68 Wilson St.
Jacob N. Reis	Driver	3740 Stanton Ave.

ENGINE COMPANY NO. 10.

No. 82 Pacific Ave.

MEMBERS.	POSITION.	RESIDENCE.
Robert C. Palmer	Captain	3007 State St.
James Tobin	Lieutenant	487 Fifth Ave.
William Hart	Pipeman	1345 Clark St.
Cornelius E. Smith	Pipeman	90 Miller St.
Thomas Conroy	Pipeman	671 Centre St.
Michael J. Corbett	Pipeman	64 Thirteenth Place.
Michael Heilmann	Engineer	315 State St.
Daniel F. Rice	Asst. Engineer	9 Carroll St.
John J. McClellan	Driver	196 Sherman St.
Albert Pepin	Driver	279 W. Taylor St.

ENGINE COMPANY NO. 11.

No. 225 Michigan St.

MEMBERS.	POSITION.	RESIDENCE.
John Redell	Captain	360 Indiana St.
Michael Ehret	Lieutenant	135 Townsend St.
William O'Connell	Pipeman	143 Lytle St.
Louis Bittig	Pipeman	444 Sedgwick St.
Patrick J. Falvey	Pipeman	78 Milton Ave.
Nicholas Roos	C. Pipeman	557 N. Wells St.
Thomas H. Melvin	Engineer	18 Pine St.
Jacob Braun	Asst. Engineer	554 Division St.
Edward Kelly	Driver	225 Michigan St.
Martin Simmons	Driver	104 Eleventh St.

ENGINE COMPANY NO. 12.

No. 611 W. Lake St.

MEMBERS.	POSITION.	RESIDENCE.
Paul Ditt	Captain	159 Mather St.
Peter J. Vogt	Lieutenant	523 Noble St.
Arthur J. Kelly	Pipeman	633 Austin Ave.
John Harmon	Pipeman	738 Carroll Ave.
Patrick Bresnan	Pipeman	14 Rumsey St.
Thomas A. Clark	Engineer	141 N. Lincoln St.
John J. Gleason	Asst. Engineer	247 N. Paulina St.
Hiram Ashman	Driver	517 Park Ave.
George H. Wheeler	Driver	761 Carroll Ave.

ENGINE COMPANY NO. 13.

No. 19 Dearborn St.

MEMBERS.	POSITION.	RESIDENCE.
Joseph L. Kenyon	Captain	468 S. State St.
William H. Bartlett	Lieutenant	19 Dearborn St.
Daniel O'Kane	Pipeman	19 Dearborn St.
William C. Fisher	Pipeman	99 Huron St.
James E. Handley	Pipeman	128 Sedgwick St.
Peter H. Fleming	Pipeman	35 Wesson St.
Henry H. McCuen	Engineer	428 Wabash Ave.
Patrick H. Quinn	Asst. Engineer	19 Dearborn St.
Edward J. Kerr	Driver	210 Oak St.
Peter McGrew	Driver	183 Superior St.

ENGINE COMPANY NO. 14.

No. 38 Chicago Ave.

MEMBERS.	POSITION.	RESIDENCE.
George L. Taylor	Captain	360 Wells St.
Theodore G. Bernhardt	Lieutenant	21 Chicago Ave.
Edward E. Varges	Pipeman	99 Orchard St.
Hans H. Hemb	Pipeman	108 Oak St.
Peter Massion	Pipeman	12 Starr St.
John J. Berry	Engineer	498 Sedgwick St.
Charles H. Ripley	Asst. Engineer	517 Larrabee St.
William Kelly	Driver	82 Larrabee St.
Michael Finn	Driver	180 Milton Ave.

ENGINE COMPANY NO. 15.

No. 305 W. Twenty-second Street.

MEMBERS.	POSITION.	RESIDENCE.
John McDonough	Captain	547 South Leavitt street.
John Belsky	Pipeman	612 W. 18th street.
John Padden	C. Pipeman	847 W. Congress street.
Francis H. Curren	S. Pipeman	461 W. Hastings street.
Charles L. Corey	Engineer	3248 Illinois avenue.
Albert A. Wise	Asst. Engineer	1235 Western avenue.
Michael Barrett	Driver	847 W. 22d street.
Christian Heiser	Driver	726 S. Union street.

ENGINE COMPANY NO. 16.

No. 287 Thirty-first Street.

MEMBERS.	POSITION.	RESIDENCE.
Nichols Dubach	Captain	2807 5th avenue.
David J. Mahoney	Lieutenant	2100 Arnold street.
William Vernon	Pipeman	3133 Lake Park avenue.
Joseph Ross	Pipeman	3107 Wentworth avenue.
James F. Enright	Engineer	3634 Stanton avenue.
Joseph A. McLaughlin	Asst. Engineer	3150 State street.
Edward Moran	Driver	490 30th street.
William O'Brien	Driver	2118 Arnold street.
Nicholas J. Pauls	Watchman	2967 Wentworth avenue.

ENGINE COMPANY NO. 17.

No. 80 W. Lake Street.

MEMBERS.	POSITION.	RESIDENCE.
Edward W. Murphy	Captain	310 Loomis street.
Edward Byrne	Lieutenant	206 Forquar street.
Peter Lynch	Pipeman	1302 W. Madison street.
James Healy	Pipeman Det Watchman.	125 Clybourne avenue.
John Flynn	Pipeman	20 Shaughnessey street.
Charles Foreman	Pipeman	160 Morgan street.
Charles Harbig	Pipeman	160 Morgan street.
William H. Kline	Engineer	61 Wilson street.
George B. Hargin	Asst. Engineer	315 Taylor street.
James Kennedy	Driver	229 N. Market street.
Herman C. Haas	Driver	158 Throop street.

ENGINE COMPANY NO. 18.

No. 438 W. Twelfth Street.

MEMBERS.	POSITION.	RESIDENCE.
Hugo Franzen	Captain	32 Rebecca street.
Michael R. Driscoll	Lieutenant	342 Blue Island avenue.
Luke Waters	Pipeman	22 Arthington place.
Michael J. Shay	Pipeman	550 S. Union street.
Fred Allen	Engineer	14 13th street.
Edd. Hunt	Asst. Engineer	318 W. 12th street.
John Twaddle	Driver	11 Sholto street.
Harvey E. Bean	Driver	119 Blue Island avenue.

ENGINE COMPANY NO. 19.

No. 3451 Cottage Grove Avenue.

MEMBERS.	POSITION.	RESIDENCE.
John Fitzgerald	Captain	2914 South Park avenue.
James T. Foley	Lieutenant	2441 Wentworth avenue.
John Cranby	Pipeman	19 University place.
Theodore Lagger	Pipeman	326 23d street.
John C. Cooney	Engineer	3700 Ellis avenue.
Samuel Patterson	Asst. Engineer	3806 Cottage Grove Ave.
Michael Daly	Driver	3708 Ellis avenue.
Claudius Blair	Driver	3638 Stanton avenue.

ENGINE COMPANY NO. 20.

No. 39 Rawson Street.

MEMBERS.	POSITION.	RESIDENCE.
Charles T. Brown	Captain	39 Rawson street.
Frederick Stift	Lieutenant	50 Herndon street.
Lawrence A. Shean	Pipeman	247 W. North avenue.
Charles Schultze	Pipeman	768 Dickson street.
George Lathrope	Engineer	129 Webster avenue.
Raphael De Clercq	Asst. Engineer	247 W. North avenue.
Timothy Clifford	Driver	112 Sigel street.
John Montgomery	Driver	43 A. street.

ENGINE COMPANY NO. 21.

No. 7 Taylor St.

MEMBERS.	POSITION.	RESIDENCE.
George M. Shippy	Captain	2502 South Park Ave.
George W. Reid	Lieutenant	2901 Butterfield St.
Anthony Makeus	Pipeman	225 Third Ave.
Wilson C. Hawkins	Pipeman	225 Third Ave.
James E. Porter	Pipeman	2834 Butterfield St.
Richard T. Ceasar	Pipeman	13 Taylor St.
William Watkins	Engineer	3122 Dearborn St.
Isaiah Washington	Asst. Engineer	2824 Butterfield St.
Stephen Paine	Driver	1718 State St.
Marshall Ward	Driver	13 Taylor St.

ENGINE COMPANY NO. 22.

No. 454 Webster Ave.

MEMBERS.	POSITION.	RESIDENCE.
James J. Walsh	Captain	47 Grove St.
Peter Lawson	Lieutenant	249 Orchard St.
William Mullin	Pipeman	522 Hurlbut St.
William Schubert	Pipeman	123 Osgood St.
Francis Barry	Engineer	203 Lincoln Ave.
John Callahan	Asst. Engineer	82 Grant Place.
William J. Moore	Driver	95 Fremont St.
Frederick Varges	Driver	312 Burling St.

ENGINE COMPANY NO. 23.

No. 54 Hinman St.

MEMBERS.	POSITION.	RESIDENCE.
James Enright	Captain	2619 Joseph St.
John Elliott	Lieutenant	366 W. Polk St.
John J. Fleming	Pipeman	297 Blue Island Ave.
Michael Cummings	Pipeman	109 Newberry Ave.
Levi A. Forrester	Engineer	33 More St.
Charles S. Welch	C. Asst. Engineer	25 O'Brien St.
John G. Risedorph	Driver	673 W. Twentieth St.
John McGinn	Driver	665 May St.

ENGINE COMPANY NO. 24.

No. 1009 W. Madison St.

MEMBERS.	POSITION.	RESIDENCE.
Frank H. Butterfield	Captain	1088 W. Madison St.
William E. Hand	Lieutenant	1268 W. Monroe St.
Charles Thompson	Pipeman	150 Owasco St.
Benedict Rudolph	Pipeman	571 Warren Ave.
Henry V. Coleman	Engineer	271 Campbell Ave.
George H. Fisher	Asst. Engineer	209 Campbell Ave.
Ruben A. Bunnell	Driver	977 Wilcox Ave.
Lawrence Droney	Driver	1067 W. Monroe St.

ENGINE COMPANY NO. 25.

No. 127 Canalport Ave.

MEMBERS.	POSITION.	RESIDENCE.
Christian Schimmels	Captain	371 South Halsted St.
William Hanlon	Lieutenant	12 String St.
Frederick W. Buehler	Pipeman	370 Johnson St.
George W. Dow	Pipeman	342 Blue Island Ave.
Frank Michels	Engineer	123 W. Twenty-first St.
Martin Berlin	Asst. Engineer	506 Thirtieth St.
John J. O'Brien	Driver	364 W. Fourteenth St.
Peter Hart	Driver	1629 S. Clark St.

ENGINE COMPANY NO. 26.

No. 437 N. Wells St.

MEMBERS.	POSITION.	RESIDENCE.
Charles A. Anderson	Captain	574 W. Erie St.
Robert L. Hunt	Lieutenant	222 Walnut St.
Charles E. Case	Pipeman	976 W. Lake St.
George Marlow	Pipeman	122 Walnut St.
John Michels	Engineer	31 Dyer's Court.
George J. Fuller	Asst. Engineer	704 W. Chicago Ave.
Myron J. Crum	Driver	331 W. Randolph St.
George N. Jewett	Driver	14 Rumsey St.

ENGINE COMPANY NO. 27.

No. 437 N. Wells St.

MEMBERS.	POSITION.	RESIDENCE.
Frederick J. Gabriel	Captain	438 Wells street.
Nicholas Weinand	Lieutenant	393 Oak street.
George E. Geis	Pipeman	431 Elm street.
John Rowan	Pipeman	332 N. Branch street.
Frank Burger	Pipeman	618 Larrabee street.
Edward C. Knuth	Engineer	157 Fremont street.
Matthew Geis	Asst. Engineer	211 Hudson avenue.
Frank B. O'Hallrohan	S. Driver	439 N. Wells street.
John T. O'Malley	Driver	26 Superior street.

ENGINE COMPANY NO. 28.

No. 104 Deering Street.

MEMBERS.	POSITION.	RESIDENCE.
James Fitzpatrick	Captain	288 Archer avenue.
John B. Jaimeyfield	Lieutenant	3040 Broad street.
Peter Phalen	Pipeman	2947 Arch street.
Henry Kipley	Pipeman	3158 La Salle street.
John Doyle	Engineer	3729 Dearborn street.
Gerald Allen	Asst. Engineer	734 Hinman street.
James Maloney	Driver	2807 Hickory street.
Bartholomew Cloonan	Driver	2922 Main street.

ENGINE COMPANY NO. 29.

Thirty-fifth Street, near Halsted Street.

MEMBERS.	POSITION.	RESIDENCE.
Richard Fitzgerald	Captain	3207 Halsted street.
Thomas Kenney	Lieutenant	3332 Emerald avenue.
John Downs	Pipeman	2907 Lowe avenue.
Michael Clark	Pipeman	901 38th street.
James Kingswell	Engineer	3251 La Salle street.
John D. Sleeth	Asst. Engineer	97 Hill street.
Victor F. Rofinot	Driver	3022 Emerald avenue.
Patrick Fleming	Driver	3020 Emerald avenue.

ENGINE COMPANY NO. 30.

No. 514 Ashland Avenue.

MEMBERS.	POSITION.	RESIDENCE.
August L. Schubert	Captain	527 N. Ashland avenue.
Bernard Smith	Lieutenant	526 N. Ashland avenue.
August Kenning	Pipeman	233 Rumsey street.
John Tangney	Pipeman	237 Mohawk street.
John A. Prindergast	Engineer	420 W. Huron street.
Joseph Chiosky	Asst. Engineer	29 Cornell street.
John Fleck	Driver	514 N. Ashland avenue.
William Windle	Driver	840 Milwaukee avenue.

ENGINE COMPANY NO. 31.

No. 374 Ogden Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Joseph O'Donohue	Captain	1020 W. Taylor street.
Thomas J. Canty	Lieutenant	908 W. 12th street.
James Whelan	Pipeman	1140 W. Jackson street.
James R. Feeny	Pipeman	171 13th place.
George W. Dugan	Engineer	301 W. Jackson street.
Martin Aldrich	Asst. Engineer	658 W. Van Buren street.
James A. Carlin	Driver	870 W. Harrison street.
James Hanrahan	Driver	111 N. Lincoln street.

ENGINE COMPANY NO. 32.

Michigan Avenue and Monroe Street.

(North end Exposition Building.)

MEMBERS.	POSITION.	RESIDENCE.
John Hannon	Captain	10 3d avenue.
John Haberlie	Lieutenant	186 Sedgwick street.
John O'Day	Pipeman	89 Tilden avenue.
Frederick Kaeder	Pipeman	2501 Cottage Grove Ave.
Henry Scott	Pipeman	27 Sanger street.
Conrad Ruhl	Pipeman	2631 Shields avenue.
Timothy J. Lynch	Engineer	225 N. Market street.
John Hassis	Asst. Engineer	239 N. Market street.
John Carney	Driver	2458 Wentworth avenue.
Eugene Brown	Driver	566 W. 14th street.

ENGINE COMPANY NO. 33.

No. 150 Southport Avenue.

MEMBERS.	POSITION.	RESIDENCE.
Lorens Walter	Captain	144 Dearborn avenue.
Edward O'Neil	Lieutenant	292 Huron street.
James J. Grant	Pipeman	84 Webster street.
Clemens Moringer	Pipeman	83 Mohawk street.
Francis R. Sowersby	Engineer	51 Osgood street.
Charles W. Hopkins	Asst. Engineer	86 Webster avenue.
John Tyson	Driver	82 Grant place.
George Steuernagle	Driver	126 Webster avenue.

ENGINE COMPANY NO. 34.

No. 19 S. Curtis St.

MEMBERS.	POSITION.	RESIDENCE.
Thomas Webber	Captain	231 W. Chicago avenue.
Patrick J. Jennings	Lieutenant	85 Thirteenth Place.
Philip E. Haas	Pipeman	158 Throop street.
John C. Goodwin	Pipeman	549 S. Leavitt street.
Daniel Murphy	Pipeman	493 S. Morgan street.
Charles Waters	Engineer	451 W. Twelfth street.
William Wise	Asst. Engineer	3558 Emerald avenue.
Dennis Layden	Driver	14 Wright street.
George Frinier	Driver	89 Hastings street.

HOOK AND LADDER COMPANY NO. 1.

No. 84 Pacific Ave.

MEMBERS.	POSITION.	RESIDENCE.
Peter Trainor	Captain	126 Sebor street.
Henry Schroeder	Truckman	226 Dusold street.
Charles Bird	Truckman	228 S. Jefferson street.
Thomas P. Breen	Truckman	239 Newberry avenue.
Otto H. Miller	Truckman	223 Twenty-third street.
William Langdon	Truckman	119 W. Polk street.
John Long	Truckman	37 W. Ruble street.
Martin Mulvey	Truckman	247 N. Paulina street.
George Baumann	Truckman	87 Twenty-fifth street.
George W. Cook	Driver	203 Newberry avenue.

HOOK AND LADDER COMPANY NO. 2.

No. 195 South Jefferson St.

MEMBERS.	POSITION.	RESIDENCE.
William C. Van Osdell	Captain	320 W. Harrison street.
James Pumphry	Lieutenant	281 Twenty-second St.
David Parr	Truckman	155½ S. Desplaines street.
Frank Hohenadel	Truckman	317 S. Jefferson street.
Jacob Klein	Truckman	442 S. Clark street.
Edward Newman	Truckman	259 S. Desplaines street.
James Papineau	Truckman	330 S. Morgan street.
James McGraw	Truckman	128 S. Throop street.
James Drew	Driver	21 Belknap street.

HOOK AND LADDER COMPANY NO. 3.

No. 179 Erie St.

MEMBERS.	POSITION.	RESIDENCE.
Frederick I. Ries	Captain	76 Howe street.
Alfred W. Pendleton	Lieutenant	179 Erie street.
Frank Conway	Truckman	318 Webster avenue.
August Seeger	Truckman	179 Erie street.
Joseph M. Cone	Truckman	179 Erie street.
Thomas Conway	Truckman	24 Cherry street.
John S. Hanson	Truckman	124 W. Indiana street.
James Sweeney	Truckman	154 Chicago avenue.
Luke L. Agnew	Truckman	223 Elm street.
Helmer Hermanson	Driver	102 W. Ohio street.
Peter Kill	Driver	32 Gardner street.

HOOK AND LADDER COMPANY NO. 4.

No. 322 E. Twenty-second St.

MEMBERS.	POSITION.	RESIDENCE.
David W. Evans	Captain	3035 Lyman street.
Michael McNamara	Lieutenant	98 McGregor street.
George W. Weller	Truckman	344 E. Twenty-second St.
Patrick Carroll	Truckman	164 W. Twenty-first St.
John Cahill	Truckman	2260 Archer avenue.
James Horan	Truckman	1916 Butterfield street.
William Burroughs	Truckman	330 E. Twenty-second St.
John L. Haslitt	Truckman	3025 Shields avenue.
Mathew Hartigan	Driver	2119 Wentworth avenue.

HOOK AND LADDER COMPANY NO. 5.

No. 440 W. Twelfth St.

MEMBERS.	POSITION.	RESIDENCE.
Paul F. A. Pundt	Captain	826 W. Twelfth street.
John A. Stahle	Lieutenant	722 S. Union street.
John Sullivan	Truckman	140 Rebecca street.
Joseph Schott	Truckman	440 W. Twelfth street.
Neils Westergard	Truckman	628 W. Twelfth street.
John C. Connors	Truckman	535 W. Twelfth street.
Dennis McSweeney	Truckman	146 W. Van Buren St.
Henry Lincoln	Driver	219 Blue Island avenue.

HOOK AND LADDER COMPANY NO. 6.

No. 218 S. Franklin St.

MEMBERS.	POSITION.	RESIDENCE.
Patrick O'Malley	Captain	245 Mohawk street.
Patrick Doyle	Lieutenant	27 Sholto street.
Thomas Hannon	Truckman	346 Polk street.
John Cramer	Truckman	54 Gurley street.
Benjamin O'Connor	Truckman	172 E. Indiana street.
Thomas Flavin	Truckman	193 Blackhawk street.
James Redmond	Truckman	56 Newberry avenue.
Stephen Gleason	Truckman	50 Finnell street.
Edward O'Brien	Truckman	3420 Laurel street.
John Quinn	Driver	118 Brown street.
Michael Ahren	Driver	Madison & Desplaines.

HOOK AND LADDER COMPANY NO. 7.

No. 140 N. Lincoln St.

MEMBERS.	POSITION.	RESIDENCE.
John Cook	Captain	639 W. Indiana street.
Isidore P. Smith	Lieutenant	885 Carroll avenue.
Jacob Grauer	Truckman	432 W. Huron street.
John B. Listman	Truckman	95 George street.
Patrick O'Connor	Truckman	573 Carroll avenue.
James McCabe	Truckman	976 W. Lake street.
Thomas Haley	Driver	9 Bickerdike street.

HOOK AND LADDER COMPANY NO. 8.

No. 102 Deering St.

MEMBERS.	POSITION.	RESIDENCE.
William A. Cowan	Captain	2863 Deering street.
John W. Powers	Lieutenant	119 Hastings street.
Anthony Lagger	Truckman	3233 Wallace street.
August F. Wachholz	Truckman	2827 Bonfield street.
Timothy Murphy	Truckman	2811 Hickory street.
Walter Stevens	Truckman	3133 Wall street.
Frederick Geotz	Driver	140 Canalport avenue.

HOOK AND LADDER COMPANY NO. 9.

Michigan Ave. and Monroe St. (*North end Exposition Building.*)

MEMBERS.	POSITION.	RESIDENCE.
John Nichol	Captain	1323 Michigan avenue.
Charles F. Seyferlich	Lieutenant	489 Fifth avenue.
Patrick Donohue	Truckman	160 S. Halsted street.
Peter Curres	Truckman	242 Michigan street.
William Bomhake	Truckman	288 Rush street.
Joseph J. Feely	Truckman	547 S. Clark street.
Thomas McNamara	Truckman	1952 Archer avenue.
Thomas Gallagher	Truckman	1405 Indiana avenue.
Michael Moran	Truckman	1938 Archer avenue.
Thomas Findley	C. Driver	13 Newberry avenue.
Stephen Keegan	Driver	20 Alexander street.

HOOK AND LADDER COMPANY NO. 10.

No. 524 N. Halsted St.

MEMBERS.	POSITION.	RESIDENCE.
David O'Connell	Captain	127 Larrabee street.
Thomas J. Carney	Lieutenant	136 Huron street.
Aaron Jansen	Truckman	162 Townsend street.
William Fries	Truckman	173 Orchard street.
John Riley	C. Truckman	159 E. Division street.
Robert Limberg	C. Truckman	163 Dearborn avenue.
Nicholas Powers	C. Truckman	24 Grace street.
Jacob Schowalter	C. Truckman	355 Webster avenue.
John F. Kelly	Driver	23 Judson street.
Martin Qualey	C. Driver	559 Elston avenue.

CHEMICAL ENGINE COMPANY NO. 1.

No. 49 W. Washington St.

MEMBERS.	POSITION.	RESIDENCE.
John Lynch	Lieutenant Comd. Co.	20 Nebraska street.
John Farrell	Pipeman	327 W. Madison street.
William D. Quirk	Pipeman	155 Desplaines street.
John Flaher	Driver	216 Maxwell street.

CHEMICAL ENGINE COMPANY NO. 2.

No. 86 W. Erie St.

MEMBERS.	POSITION.	RESIDENCE.
William T. M. Figg	Lieutenant Comd. Co.	260 W. Chicago avenue.
Geo. B. Miller	Pipeman	204 N. Greene street.
John V. Shay	Pipeman	126 S. Desplaines street.
Henry A. Michels	Driver	28 Martine Court.

EXHIBIT "B."

JANUARY, 1884.

Day.	Time of Day.	Streets and Numbers.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
1	9.06 a m	Cor. Throop and 18th st..	3 story brick	J. Parden	J. Parden	Saloon & Dwell..	Carelessness	$ 800	$ 5,000
1	10.38	False still alarm							
1	7.30	False alarm							
1	5.23	501 State street	No Loss.				Carelessness		
2	8.21 a m	50 South Water street	4 story stone.	J. F. Baars	D. B. Scully	Syrup Store	Explosion of Benzine	55	65 000
2	1.35	185 West Washington st.	2 story frame.	H. Beidler	M. Keiser	Dwelling	Defective chimney	175	2,000
2	3.10	165 West Madison street	2 " "	J. & H. Beidler	E. Martin & others	Saloon	Unknown	350	3,600
2	3.10	167 West Madison street	2 " "	J. & H. Beidler	J. Ryan	Saloon	Unknown	400	500
2	8.50	1068 West Jackson street	2 " "	J. R. Payson	J. R. Payson	Dwelling	Stove falling over	20	2,000
2	0.05	R. 53 Aberdeen street	2 story brick	Mrs. Hopper	R. Stewart	Barn	Overheated stove	50	5,000
2	10.09 p m	261 West Indiana street	2 story frame	Ed. Hogan	O. O. Hough	Store and Dwell..	Thawing water pipe	190	4,300
2	10.45	487 West Chicago avenue	2 " "	A. Fisher	A. Fisher	Bakery	Overheated oven	40	2,500
2	5.41	Stewart ave., near 16th st.	1 " "	C. B. & Q. R. R. Co.	C. B & Q. R. R. Co.	Tool House	Sparks from engine	15	
2	2.51	176 Clark street	4 story brick	G. Snydecker	M. C. McDonald	Dwell. & Saloon.	Unknown	15	56,500
3	8.42	287 Third ave	2 story frame	Mrs. Horner	L. Spitz	Grocery	Defective chimney	75	3,500
3	11.49 a m	2978 Indiana avenue	2 story brick	J. L. Curtiss	J. L. Curtiss	Dwelling	Children with matches	50	4,500
3	5.07 p m	3020 Arnold street	No Loss				Unknown		
3	6-11	2611 Wabash avenue	3 story brick	Mrs. S. Strelitz	Mrs. S. Strelitz	Dwelling	Defective fire place	500	9,500
3	6-53	1729 Prairie avenue	No Loss				Unknown		
3	8.49	94 Wells street	3 story brick	C. Watson	F. Junker	Saloon & Dwell..	Accidental	10	12,600
3	6.05	False alarm							
3	0.20 a m	False still alarm							
3	8.25	59 N. Halsted street	3 story brick	M. Life Ins. Co.	C. Davis & others	Dwelling	Lamp explosion	50	4,000
4	12.42 p m	Outside City Limits							
4	5.10	121 Polk street	No Loss				Chimney fire		
4	6.31 a m	58 Bryant Place	2 story brick	Mrs. L. Cushing	J. Holden	Dwelling	Waterback explosion	550	5,500
4	9.58	3231 Michigan avenue	2 " "	M. E. Church	Pastor, M. E. Cady	Dwelling	Overheated furnace	10	4,000
4	10.34	3134 Prairie avenue	2 " "	J. Heath	F. L. Eiseman	Dwelling	Thawing out water pipe	50	5,000
4	8.08 p m	230 and 40 Randolph st	5 " stone	Conrad Seipp	Munson Bros	Belt Factory	Unknown	23,000	141,400
4	8.17	Second alarm							
4	10.20	230 and 40 Randolph st	5 " "	No Loss			Rekindling		
4	6.35	14 Belden avenue	1 " frame	H. R. Morris	H. R. Morris	Shed	Carelessness		
4	8.42 a m	737 West 18th street	1 " "	J. Seifert	J. Seifert	Store & Dwelling	Defective stove pipe		1,000

5	11.50 p m	False still alarm								
5	3.54 a m	N.W.cor.Mich.av.Van B.	6	story brick	J. K. Fisher	J. K. Fisher	Dwelling	Unknown	$48,000	$ 130,700
5	4.19	Second alarm								
5	4.47	Third alarm								
5	9.15	16 Eldridge Court	2	story frame	G. C. Clark	Mrs. M. G. Coyne	Dwelling	Overheated furnace	3	8,000
5	6.24	326 Michigan avenue	2	" "	W. H. Ryder	W. B. Jenks	Dwelling	Waterback explosion	95	10,500
5	1.34 p m	204 Clark street		No Loss				Thaw'g out water pipe		
5	7.55	Morgan & M. St.Paul RR	1	story brick	C.,M. & St. P.R.R.	C.,M. & St. P.R.R.	Carpenter Shop	Defective chimney	25	
5	2.19	1425 Wabash avenue		No Loss				Thaw'g out water pipe		
5	7 35	50 Roberts street	1	" frame	Waldron & Perkins	Waldron & Perkins	Saw Mill	Friction	500	
5	2.56	49 Peck Court		No Loss				Unknown		
5	1.10 a m	R. 1905 Prairie avenue	3	story brick	Marshall Field	Marshal Field	Stable	Overheated furnace	1,200	7,000
5	3.41	Special call								
6	6.50	2964 Prairie avenue	3	" "	C. E. Cole	C. E. Cole	Dwelling	Waterback explosion	50	13,000
6	1.50 p m	3333 Wentworth avenue	1	" frame	L. Markentine	Geo. Hursh	Dwelling	Children with matches	22	2,000
6	6.08	Chimney burning out		No Loss				Chimney fire		
6	7.10	2003 Indiana avenue		No Loss				Unknown		
6	9.34 a m	Special call								
5	10.00 p m	3001 Cottage Grove ave	3	story frame	G. Manheimer	Hurst & Barnsted	Grocery & Dwell.	Overheated stove	200	3,500
6	11.45	False still alarm								
6	11.20 a m	2225 Wabash avenue		No Loss				Unknown		
6	3.10	Special call								
6	12.50 p m	44 to 50 So. Desplaines st.	4	story brick	F. A. Kennedy	F. A. Kennedy	Bakery	Leaking gas	56,000	60,000
6	12.54	Second alarm								
6	1.01	Third alarm								
6	1.01	52 to 54 So. Desplaines st.	5	" brick	McGraw & Downey	Thomas Grenier	Theatre	" "	25	2,200
6	1.01	47 to 53 So. Desplaines st.	3	" "	W. Alexander	B. Ward & others.	Saloon & Dwell.	" "	350	22,000
6	1.01	106 and 108 W. Wash'ton	4	" "	J. W. Scoville	Chicago Screw Co.	Screw Man'fy	" "	350	34,000
6	1.01	104 " "	2	" frame	J. W. Scoville	G. S. Clydesdale	Saloon	" "	330	2.000
6	1.01	96 " "	2	" "	J. W. Scoville	T. Moore & others.	Dwelling	" "	500	2,500
6	1.01	R. 94 " "	2	" "	J.W. Scoville	T. Moore	Barn	" "	75	
6	1.01	R. 90 and 92 " "	1½	" "	W. W. Strong	T. Moore	Barn	" "	600	
6	1.01	47 and 49 So. Jefferson st.	4	" brick	Mrs. N. Green	E. A. Delano	Manufactory	" "	15	43,500
6	8.36 a m	False still alarm								
6	10.45	Special call								
6	1.25 p m	False still alarm								
6	5.30	416 West Madison street	2	story frame	E. W. Brewster	P. A. Dasso	Furniture Store	Defective gas meter		2,100
6	6.05	False still alarm								
6	2.26 a m	379 Clark street	2	" "	M. Phillipson	L. Levi	Clothing Store	Unknown	700	1,500
6	2.00 p m	20 Clark street	4	" brick	S. D. Kerfoot	J. Adler	Saloon & Dwell.	Unknown	30	14,800
6	6.58	False still alarm								
7	8.44 a m	201, 203 and 205 Canal st.	2	" fr. & br	W. Springer	Suspion Car Truck	Electric Lamp	Malicious mischief		2,000
7	1.35 p m	2929 Keeley street	1	" frrme	M. Treska	M. Treska	Dwelling	Defective stove pipe	10	
7	7.36 a m	Special call								
7	3.07 p m	False still alarm								
7	9.54 a m	2733 Butterfield street	2	" frame	L. Meyers	L. Meyers & others	Dwelling	Thaw'g out water pipe	250	2,500

JANUARY.—Continued.

Day.	Time of Day.	Street and number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
7	7.37 p m	Outside City Limits							
7	6.58	Cor. Oakley & Rosel'd st.	2 story brick	Henry Sweet	Henry Sweet	Axle grease fact.	Unknown	$ 2,034	$ 3,000
8	3.15	2634 Keeley street	3 " "	M. Patteson	M. Patteson	Dwelling	Defective chimney		12,000
8	6.03	83 Randolph street	4 " stone	Mrs. J. A. Prindi'vl	S. Hyman	Shirt fuatory	Unknown	1,050	16,000
8 10 46		96 to 103 Wabash ave	5 " "	D. B. Fisk & Co	D. B. Fisk & Co	Millinery store	Unknown	800	189,500
9	7.00	166 Dearborn street	2 " brick	F. Henrotin	F. Henrotin	Dwelling	Explosion of gas		
9	4.45	370 Ontario street	2 " "	H. B. Stow	H. B. Stow	Dwelling	Overheated furnace	15	9,450
9	3.40 a m	191 and 193 Halsted street	1 " b'r & f'r	Ewing estate	N'wberg'r & Jacobs	Tailor shop	Supposed incendiary	500	1,500
9	9 10	Cor. Polk and Canal st	No loss				Ignition of gas		
9	10.10 p m	False alarm							
9	5.00 a m	1192 Milwaukee avenue	4 story brick	C. Erickson	C. Erickson	Store and Dwell.	Thawing water pipe	10	
9	5.49 p m	Special Call							
9	4.17	False still alarm							
10	9.22	1553 State street	2 " frame	H. A. Huntington	Edwards & Woods	Dwelling	Carelessness	30	1,500
10	7.09 a m	R. 7 Woodward pl	No loss				Tar kettle		
11	4.30 p m	2624 Wabash avenue	2 " brick	S. Hyman	S. Hyman	Dwelling	Overheated furnace		25,000
11	6.25	113 Franklin street	4 " stone	R. Peacock	Kolsaat & Co	Store	Defective furnace	11,500	32,000
11	9.07 a m	277-9 Clark street	4 " brick	Marks estate	Dr. Mauro	Tailor shop	Unknown	5	37,800
11	6.40 p m	Cor. Laughton and 27th st	3 " "	Kimball	Kimball	Organ factory	Unknown		
12	12.50	Cor. 35th and Iron street	1 " "	Gray & Co	Gray & Co	Shed	Sparks from chimney	300	6,000
12	5.15	Cor. Maine & Hickory st.	2 " frame	Bennett	Bennett	Planing mill	Tar boiling over		
12	10.59 a m	1321 State street	No loss				Defective street lamp		
12	11.44	False still alarm							
12	6.15 p m	False still alarm							
12	10.39	159 State street	5 story stone	Mrs. K. Salsbury	M. Meyers	Clothing store	Defective furnace	10	23,700
12	8.12 a m	55 and 57 S. Canal	4 " brick	Crocker & Co	Rand McNally&Co	Printing office	Lighting fire with ker		19,000
12	2.50	3922 Cottage Grove	3 " frame	C. Dennis & others	Drug store & Ho'l	Hot ashes		25	7,000
13	5.28	Street Gas Lamp burst	No loss				Defective street lamp		
13	0.35	36 Lee Place	1 story frame	Thos. Teppin	J. S. Bartholomy	Copper shop	Supposed incendiary	60	
13	7.16 p m	433 Lake street	3 " brick	J. D. Powell	G. C. Curtis & oth's	Dwelling	Lamp explosion		3,500
14	9.00 a m	307 5th Avenue	No loss				Ignition		
14	6 06	Special call							
14	9.13 p m	Cor. 18th and Arthur st.	1 story frame	Culbertson & Co	Minch & others	Storehouse	Sparks from engine	19,000	14,000
14	9.32	Second alarm							
15	2.50	False still alarm							
15	6.55	3121 Quim street	2 " frame	O. Malley	O. Malley	Barn	Carelessness	600	
15	1.37 a m	51 Peck Court	No loss				Unknown		

15	6.08 a m	False still alarm									
15	7.06 p m	False still alarm									
16	6.30	385 Ashland avenue	1	story	frame	Mrs. A. Boringer	C. Wickman	Dwelling	Overheated stove		
16	6.38	False alarm									
16	8.00	302 Milwaukee avenue	1	"	"	L. Schmidt	L. Schmidt	Photo gallery	Accidental	77	2,000
16	3.20 a m	False still alarm									
16	8.04	3012 South Park avenue	2	"	"	E. Field	J. Herzog	Dwelling	Upsetting stove		2,700
16	8.20 p m	2807 Wabash avenue	2	"	brick	E. A. Tudor	E. Levy	Dwelling	Gas jet too near curtain.	5	7,500
17	1.25	2443 Wabash avenue	No loss						Unknown		
17	5.15	1927 Michigan avenue	3	story	brick	G. Wheeler	Mrs. McCormick	Dwelling	Carelessness		10,000
17	7.19	48 Fourth avenue	2	"	frame	James McMahon	A. Johnson	Dwelling	Defective chimney	35	500
18	8.10 a m	161 Ferdinand street	1	"	"	J. Cunningham	J. Cunningham	Dwelling	Defective chimney	10	
17	9.40	147 Herndon street	1	"	"	J. Jacobs	J. Jacobs	Shed	Defective chimney	300	1,800
18	7.33	Cor. Clark & Van Bur. st.	No loss						Carelessness		
18	8.35 p m	56 & 58 N. Desplaines it.	4	story	brick	J. C. Meyers	J. C. Meyers	Pickle manf'y	Sparks from smo'g pipe		14,000
18	10.15	False alarm									
18	11.42	324 Indiana street	2	"	"	C. Tunnicliff	C. Tunnicliff	Dwelling	Sparks from grate	75	9,500
19	6.11 a m	843 W. Madison street	3	"	"	Harferd & Wood	Unoccupied	Store and Dwell.	Overheated salamand'rs	25	2,500
19	10.25	1721 Prairie avenue	3	"	frame	Wirt Dexter	Wirt Dexter	Dwelling	Chimney fire		30,000
19	5.17 p m	17 Aldine square	No loss						Unknown		
20	11.58 a m	Sw.cor.Wallace & McGr'r	2	story	brick	E. Snieder & Co	E. Snieder & Co	Candle manf'y	Unknown	35,000	97,750
20	11.59	Second alarm									
20	12.02 p m	Third alarm									
20	7.08 a m	35 and 37 S. Canal street	4	"	"	H. A. Holden & Co	Winnie & Co	Steam fitting	Carelessness		37,000
20	4.56 p m	Special call									
20	2.07	Chimney burning out	No loss						Chimney fire		
20	5.00 a m	33 Rubble street	2	story	frame	P. Whelan	P. Whelan	Dwelling	Defective chimney	225	1,000
20	8.52	Special call									
20	7.55 p m	Cor. 19th & Center ave	3	story	brick	M. Thoman	M. Thoman	Store and Dwell.	Lamp explosion	700	4,000
20	10.01	Special call									
21	3.50 a m	Cor. Lincoln & Thomas st	1	"	"	W. Reisner	W. Reisner	Grocery	Unknown	650	2,000
21	9.23	29 Fleetwood	2	"	frame	C. Kandenka	C. Kandenka	Dwelling	Overheated stove		600
21	8.46	Chimney burning out	No loss						Chimney fire		
21	8.56 p m	Special call									
21	2.50	R. 96 Van Buren street	1	story	frame	W. Morrison	W. Morrison	Oil refinery	Sparks from furnace	25	
21	9.26	81 School street	2	"	"	Hendessah estate	M. Collins & others	Dwelling	Sparks from chimney		825
21	3.20	206 Clybourne avenue	2	"	"	E. Frisch	E. Frisch	Dwell. & Grocery	Hot ashes	30	
21	7.11	160 Ewing street	3	"	"	J. Brown	L. Spotka & others	Dwelling	Chimney fire		1,500
21	6.40	566 Sedgwick street	1	"	"	H. S. Detrich	F. W. Schaasburg	Dwelling	Defective chimney	30	
22	3.27 a m	111 and 113 Polk street	1	"	br & fr	Wilson & Demsted	Abbeson & others	Rag store	Supposed incendiary	600	3,300
22	11.28	441 Irving Place	1	"	frame	Greenbee Bros	S. E. Rowley	Dwelling	Sparks from stove	65	1,000
23	11.00	242 Sherman street	2	"	"	Geo. Deverling	J. S. Bealing	Dwelling	Hot pipe in jacket	15	3,500
23	3.41	False alarm									
24	6.25 p m	160 Pacific avenue	2	"	"	Mr. Goddard	Mr. Goddard	Dwelling	Chimney fire	80	
24	7.01	False alarm									
24	11.43	Cor. Archer av. & Quinn st	2	"	brick	O. Malley	O. Malley	Slaughter house	Carelessness	1,000	20,000

JANUARY—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
24	11.45 p m	Second alarm							
24	1.15 a m	Cor. Mather and Polk st.	2 story brick	Enright and others	Enright and others	Dwell. and Barn	Supposed incendiary	$ 350	$ 1,100
24	1.22	False still alarm							
24	4.30 p m	207 Lincoln avenue	3 " "	H. Jules	J. McNeil	Dwelling	Unknown	150	6,500
24	7.07	2 and 4 N. La Salle street	3 " "	J. Chitlock	E. J. Turner	Brass Finishing	Coals from forge	10	17,500
24	8.17	126 Rush street	No loss				Chimney fire		
24	9.26	128 N. Clark street	3 story brick	Kerfoot	M. J. Tillman	Dwelling	Carelessness	550	6,500
25	11.38 a m	306 Larrabee street	2 " frame	L. Dunninger	L. Dunninger	Dwelling	Upsetting stove	25	3,375
25	8.10 p m	False still alarm							
25	8.45 a m	Outside city limits	Town of Lake						
25	9.27 p m	122 Clark street	No loss				Chimney fire		
26	2.04	159 S. Water street	4 story brick	N. B. Beam	I. Moorehouse	Commiss'n house	Tar kettle in alley	650	18,500
26	3.40 a m	R. 37 Elgin street	1 " frame	H. Ulrich	H. Ulrich	Dwelling	Unknown	10	
27	9.57 p m	561 State street	4 " stone	G. W. Cobb	M. Rosengarter	Clothing store	Overheated stove	550	25,500
27	0.05 a m	67 N. Halsted street	2 " brick	Schultz Brewery	A. Harting	Saloon & Board'g	Unknown	350	
27	5.40	False still alarm							
27	5.20 p m	432 W. Randolph street	2 " "	A. J. Snell	Mary Meyers	Dwelling	Carelessness		
27	5.15	541 31st street	2 " frame	Fred. Schultz	Fred. Schultz	Dwelling	Chimney fire		800
27	5.17	1927 Michigan avenue	3 " brick	G. Wheeler	Mrs. McCormick	Dwelling	Carelessness		10,000
28	8.03 a m	3 Wabash avenue	No loss				Lamp explosion		
28	11.22 p m	False still alarm							
28	5.50	Gas pipe explosion					Pipe explosion		
28	5.56	Clybourne au. & Clay st.	No loss				Defective street lamp		
28	7.15	False still alarm							
29	4.04	403 W. Ohio street	2 story frame	Mr. Haffinan	R. Gordon & oth's	Dwelling	Carelessness		7,500
29	6.50	Chimney burning out	No loss						
29	5.15	Elston av. & Bradley st.	1 story brick	J. C. Mathews	J. C. Mathews	Shoddy mill	Unknown	700	
29	3.50	Chimney burning out	No loss				Chimney fire		
29	4.47	Chimney burning out	No loss				Chimney fire		
29	1.50	112 Clybourne ave	2 story frame	F. Kaeston	E. Millhafer	Dwelling	Chimney fire		3,350
30	4.03 a m	False alarm							
30	0.25 p m	337 & 339 W. Lake street	2 " brick	Farrar & Wheeler	Tannsey & Co	Planing mill	Sparks from furnace		7,000
30	10.00 a m	False still alarm							
30	9.10	66 Mill street	No loss				Unknown		
30	9.55	29 and 47 Lyman street	No loss				Unknown		
30	5.20	Lumber and Union street	No loss				Unknown		
30	10.01 a m	21st and Wabash avenue	No loss				Carelessness		

31	6.24 p m	1801 Michigan avenue	3	story	brick	N. K. Fairbanks	N. K. Fairbanks	Dwelling	Unknown	85	26,750
31	11.45	3522 Vincennes acenue	2	"	frame	G. W. Brayten	G. J. Hite	Dwell. & Grocery	Supposed incendiary	10	950
31	9.44 a m	307 W. Indiana street	2	"	"	Pat Kearney	Pat Kearney	Saloon & Dwell.	Sparks from chimney		1,000
31	5.21 p m	326 Michigan avenue	2	"	"	W. H. Rider	W. B. Jenks	Dwelling	Stove explosion	95	10,500
31	10.53	111 to 115 Randolph street	5	"	stone	Henry Kingsbury	Gale & Blockie	Drug store	Defective grate	10	48,000
Total 143 Fires; 8 false alarms and 23 false still alarms; Loss on buildings, $92,480; Loss on contents $121,676										$214,156	$1,498,800

FEBRUARY.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupaut.	Use.	Cause.	Total Loss.	Total Insurance.
1	5.20 a m	False still alarm							
1	8.38 p m	262 Ontario street	2 story brick	J. P. Knowles	A. J. Wright	Dwelling	Defective fire place	$ 10	$ 5,500
1	10.04	False alarm							
2	2.54	R. 170 Maxwell street	2 " frame	P. O'Neil	P. O'Neil	Dwelling	Supposed incendiary	115	400
2	10.15	17 Johnson street	2 " brick	J. Rapp	J. Rapp & others	Laundry & Dwell	Overheated dry room	50	
3	7.45	Cor. Reese & Halsted st.	No loss				Chimney fire		
3	4.57	381 Jefferson st	3 story frame	M. Harris	S. Abelson & oth's	Dwelling	Chimney fire		1,800
3	1.51 a m	1900 Archer avenue	2 " "	J. Kelly	J. Kelly	Saloon & Dwell	Carelessness		1,800
3	8.27	2218 Michigan avenue	3 " brick	Mrs. W. Butterfi'ld	C. Butterfield	Dwelling	Defective furnace	600	6,000
3	7.45 p m	False alarm							
4	1.11 a m	False still alarm							
4	2.59 p m	False still alarm							
4	11.25 a m	False still alarm							
4	11.37	S. E. cor. Ohio & LaSalle	3 story brick	Geo. Watson	Chicago Broom Co	Broom factory	Unknown		28,000
4	6.35 p m	False still alarm							
4	8.36	43 S. Water street	No loss				Lamp explosion		
6	1.05 a m	R. 467 & 469 W. 14th st	2 story frame	M. Gorman	M. Gorman & oth.	Barn	Supposed incendiary	125	700
6	2.05	R. 46 W. 13th street	2 " "	J. Gorman	J. Gorman	Barn	Supposed incendiary	10	550
6	2.35	False still alarm							
6	2.31	False still alarm							
6	2.50 p m	3344 Michigan avenue	3 story stone	J. G. Coleman	J. G. Coleman	Dwelling	Children with matches	1,000	45,000
6	8.50 a m	False still alarm							
6	2.56 p m	Chimney burning out					Chimney fire		
7	10.23	2124 Archer avenue	2 " frame	Mrs. McElroy	McElroy & others	Shoe store & D'g.	Chimney fire		500
7	12.18 a m	299 Erie street	3 " brick	J. A. Hutchison	J. A. Hutchison	Dwelling	Spontaneous combusti'n	100	10,500
7	5.47 p m	76 Ontario street	No loss				Chimney fire		
7	4.54	Monroe & Wabash ave.	No loss				Ignition		
8	10.09	421 State street	3 story stone	J. H. Winston	Dudley & Co	Grocery store	Unknown	15	3,500
8	9.34	264 W. Lake street	3 " brick	S. F. Gale	Simmons & Co	Store room	Spontaneous combusti'n		4,500
8	4.35	575 Canal street	2 " frame	J. Turofsky	J. Turofsky	Store and Dwell	Chimney fire		1,800
8	5.30	Chimney burning out	No loss				Chimney fire		
9	1.11	245 Clybourne avenue	2 story brick	C. B. Holmes	Central church	Church	Defective flue	5	
10	2.24 a m	False still alarm							
12	6.00	False alarm							
12	4.36 p m	683 Center avenue	3 " "	McCarthy	Shubert & Co	Store and Dwell	Oil can explosion		5,000
12	10.32 a m	220 Lake street	No loss				Gasoline stove explos'n		
12	2.40 p m	False alarm							

12	2.26 a m	723 W. Harrison	2	story	brick	M. E. Sands	Unoccupied	Dwelling	Supposed incendiary	10	2,000
14	11.35 p m	110 and 112 Madison st	4	"	stone	Jacob Rozenburg	Jevene & Almino	Grocery store	Burning rags	3	177,000
14	7.49	False still alarm									
14	12.45	309 & 315 N. Branch st	2	"	brick	Amer. Varnish Co.	Same	Factory	Boiling over of oil		23,375
14	11.06	False still alarm									
14	1.45 a m	492 Wells street	2	"	frame	Wm. Baumer	Wm. Baumer	Dwelling	Thaw'g out water pipe	500	3,000
15	5.00 p m	298 & 300 Madison street	4	"	brick	G. H. Gibson	J. D. Overmore	Nat. Furni're Co.	Carelessness		28,000
15	6.06	217 Washington street	3	"	"	G. A. Misch	G. A. Misch	Glass factory	Unknown	28	8,000
16	11.14	Foot of Barber street	No loss						Malicious mischief		
16	9.36	149 22nd street	3	story	brick	H. Woods	Mrs. L. Haynes	Photo & Millin'ry	Overheated stove	225	15,000
16	9.12	146 22nd street	3	"	"	Wahl Bros	Pick sisters & oth	Crock'y St'r & D.	Upsetting of lamp	35	32,000
17	12.34 a m	False alarm									
17	12.39	110 and 112 Madison st	4	"	stone	Jacob Rosenburg	C. Jevne	Grocery store	Unknown	92,930	146,250
17	12.40	Second alarm									
17	1.56	449 State street	1	"	frame	M. J. Frank	M. J. Frank	Barn	Unknown	440	400
17	2.03 p m	False alarm									
17	7.05	1219 State street	No loss						Lamp explosion		
17	8.45	1468 Indiana street	2	story	frame	T. Murphy	T. Murphy	Dwelling	Lamp explosion	175	2,000
18	5.50 a m	110 and 112 Madison st	No loss						Rekindling		
18	11.54	False still alarm									
19	12.47	227 to 251 Clinton street	4	story	brick	West'n Elec'ct Co.	West'n Electrict Co	Electric Manuf'y	Lamp explosion		328,000
19	2.50 p m	371 21st street	2	"	frame	Mrs. Onahan	Mrs. Onahan	Dwelling	Chimney fire		
19	5.46	Cor. Lincoln & Blue Isl'nd	No loss						Unknown		
19	9.25	114 to 116 Madison street	4	story	brick	J. Bolton	R. McDonough	Hotel & grocery	Unknown		
20	4.15	104 Polk street	3	"	"	F. Mohan	F. Mohan & others	Dwelling	Grease boiling over		3,600
20	5.55	189 Jefferson street	2	"	"	L. Danbee	Mrs. Tettford	Dwelling	Lamp explosion		1,500
20	9.10	249 and 251 Canal street	3	"	"	F. Douglas	H. Mallen & others	Furniture factory	Spontaneous combusti'n	300	18,500
20	3.58	160-70 State street	No loss						Overheated woodwork		
20	2.07 a m	154 Dearborn street	2	story	frame	L. Silverman	Mrs. Rubenstein	Groc'y & tenem't.	Lamp explosion	10	1,000
21	1.21 p m	71 W. Kinzie	2	"	"	Field, Ben'dct & Co	Fred. Smith	Saloon	Defective flue	25	700
21	12.23	37 Marshfield ave	1	"	"	J. Lacey	J. Lacey	Dwelling	Defective chimney		
21	10.39 a m	201 Washington street	1	"	"	Wm. McGuire	G. Redell	Saloon	Overheated range	125	700
22	9.40 p m	115 Franklin street	4	"	stone	S. D. Childs	S. D. Childs & Co.	Engraving works	Spontaneous combusti'n	30	5,000
22	7.40 a m	Chimney burning out	No loss						Chimney fire		
23	7.01 p m	3670 Indiana avenue	3	story	brick	D. W. Carthart	M. Coles	Dwelling	Overheated stove		8,000
23	1.40	452 to 460 Canal street	2	"	frame	W. T. Walker	J. Kansck	Groceries a salo'n	Defective chimney		2,800
23	8.00 a m	False still alarm									
23	3.58	331 W. Lake street	2	"	"	Mrs. Dalwin	Dennis and others.	Weather strip fac.	Upsetting of stove	1,250	
24	1.36	509 N. State street	3	"	brick	Barthol'w & Leicht	Unoccupied	Dwelling	Carelessness	50	
24	7.43	Cor. Clark and 37th street	1	"	frame	L. S. & M. S. R. R.	L.S. & M.S.R.R Co	Switch house	Overheated stove	10	
24	9.05	Cor. Blue Is'd av. & 18th st	3	"	"	J. Rehnell	Rehnell & Co	Stores & Dwelling	Lamp explosion	2,060	10,000
25	6.30	False alarm									
25	8.25 a m	2005 Main street	No loss						Unknown		
25	5.50 p m	596 Center avenue	2	story	frame	M. Roth	M. Roth	Barn	Unknown		
26	2.30	False still alarm									
26	11.43	155-2 5th avenue	4	story	stone	S. Brown	E. H. Johnson	Restaurant	Spontaneous combusti'n	90	13,000

FEBRUARY.—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
26	11.20 p m	680 Milwaukee avenue	4 story brick	Fred. Voltz	Fred. Voltz	Flour mill	Unknown	$ 644	$ 10,000
27	9.40 a m	497 Clark street	2 " frame	J. L. Curtiss	Annie Crawford	Dwelling	Unknown	30	
27	1.24 p m	False alarm							
28	6.03	352 4 State street	3 " brick	Mandell Bros.	J. Gukerman	Grocery	Gas explosion	110	30,400
28	9.00 a m	133 Coventry street	2 " frame	C. Housman	Agt., unknown	Dwelling	Rags in chimney		
28	2.50	732 and 734 W. 14th st	2 " brick	P. Henafeck	Henafeck & others	Dwelling	Overheated stove	375	3,000
28	5.10	241 and 243 Jefferson st	2 " "	Mrs. Bush	H. Wood & others.	Dwelling	Sparks from chimney	5	1,000
28	3.04 p m	105 W. Adams street	2 " "	D. Goodman	A. Campbell	Dwelling	Thawi'g out water pipe		
28	2.40 a m	False still alarm							
29	5.20	220 and 222 W. Lake st	2 " frame	H. R. Stebbins	J. Healy & others	Grocery & Dwell.	Carelessness		500
29	3.25 p m	411 and 413 State street	5 " brick	J. W. Jackson	John Samuels	Furniture store	Unknown	200	21,000
29	11.30	S. E. cor. Taylor & 5th av.	2 " "	Levi Cline	Koo Lee	Laundry	Defective stove pipe	30	6,500
	Total 71 Fires; 8 False Alarms and 15 False Still Alarms; Loss on Buildings, $17,363; Loss on Contents							$88,162	$105,525	$ 1,047,175

MARCH.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
1	8.43 a m	450 Clark street	2 story frame	W. Nolle	J. Barret	Dwelling	Defective chimney	$35	$800
1	12.18 p m	S.E.cor.LaSalle & Wash'n	3 " stone	Ch'mb'r of Com'rce	Board of Trade	Offices	Unknowu	50	195,000
2	12.45 a m	False alarm.							
2	2.20 a m	False alarm.							
3	9.20 p m	269 Indiana street	1 " frame	C. P. Karr	C. P. Karr	Barn	Carelessness	160	250
3	9 05	522 and 524 Leavitt street.	1 " "	W. G. Raney	E. Torpe & others.	Carpenter shop	Supposed Incendiary	300	700
3	5.02	Blue Isl'd av. & Leavitt st.	1 " brick	J. Kronka	J. Kronka	Saloon, etc	Unknown	50	3,000
3	6.19	110 Pacific avenue	No loss				Chimney fire		
4	0.42	123 & 123½ W. Washing'n.	2 story frame	J. Beidler	H. Dipper & others.	Saloon	Defective flue	15	300
4	2.15	433 W. Huron street	1½ " "	Mrs. E. Toelson	Mrs. E. Toelson	Dwelling	Overheated stove	15	700
4	3.30 a m	1918 State street	2 " "	P. Nelson	P. Nelson	Saloon & dwel'ng	Supposed incendiary	450	1,500
4	3.30	1920 State street	2 " "	Mrs. E. Peterson	R. J. Johnson	Dwelling	Supposed incendiary	275	300
4	3.30	1922 State street	2 " "	D. Scully	D. Alexander	Dwelling	Supposed incendiary	175	700
4	3.30	1924 State street	2 " "	Mrs. E. Brown	A. M. Leichenstein	Dwelling	Supposed incendiary	100	
4	9.22	555 N. Clark street	3 " brick	James Smith	H. Gradle	Dwelling	Defective stove	25	9,500
4	6.08 p m	278 Wells street	3 story frame	T. E. Patterson	H. Reinhardt	Drugs & dwelling	Thawing out meter		11,000
5	12.08 a m	2439 Wentworth avenue	2 " "	R. Epstein	Mrs. Efferts	Notions & dw'l'g.	Overheated stove	15	3,500
5	11 58 p m	3637 Ellis avenue	3 " brick	G. W. Hoffman	T. C. Remington	Dwelling	Unknown	225	7,000
5	10.02	12 McHenry street	2 " frame	Joe Shopinski	Joe Shopinski	Dwelling	Sparks from chimney		700
5	8.03	False still alarm.							
5	3.12 p m	Chimney burning out	No loss				Chimney fire		
6	5.21	46 Fuller street	1 story frame	J. Rusky	J. Rusky	Dwelling	Overheated stove		
6	9.30 a m	1836 Wabash avenue	3 " "	D. R. Brandt	H. Todd	Dwelling	Overheated furnace	200	9,000
7	5.48	False still alarm.							
7	5.43	1912 Arnold street	2 " "	M. Kelly	M. Kelly	Dwelling	Chimney fire		
7	11.54	3807 Butterfield street	2 " "	Mr. Hogan	M. Hogan	Dwelling	Sparks from chimney		2,000
7	4.35	2844 Church place	1 " "	O'Connell	O'Connell	Dwelling	Carelessness		
7	5.53 p m	401 Clark street	No loss				Accidental		
7	7.08	1416 State street	No loss				Lamp explosion		
7	10.25	165 Twenty-first street	2 story brick	J. I. Otis	Mr. McGrath	Dwelling	Overheated stove	25	600
8	6.48	Outside City Limits.							
8	2.20 a m	False alarm.							
9	3.18	23 to 29 N. Jefferson	4 " "	Holmes & Pyatt	Louis F. Nonast	Furniture factory.	Defective stove	1,200	8,700
9	3.28	Second alarm.							
9	10.46	25 W. Randolph street	2 " frame	Mr. Crass	H. A. Frank	Pawn shop	Defective flue		6,200
9	6.00	264 Ferdinand street	1 " "	James McGuire	James McGuire	Dwelling	Kerosene lamp explos'n		
9	4.55	Cor. N. Branch & River	1 " "	Vessel owners	Vessel Owners	Dry-dock	Defective furnace	20	1,200

MARCH—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
9	3.05 p m	678 La Salle street	3 story br & fr	R. Lindblom	R. Lindblom	Dwelling	Defective chimney	$10	$25,000
9	9.50 a m	171 Barber street	1 " "	B. Bernstein	B.Bernstein & othrs	Dwelling	Defective chimney	5	800
9	1.40	120 Quincy street	1 " frame	W. Baragwanath	W. Baragwanath	Boiler Shop	Supposed incendiary	400	
10	9.57 p m	202 State street	2 " brick	W. G. Lane	C. Angelican	Restaurant	Overheated stove	15	5,500
10	11.13	6 Dearborn street	4 " brick	C. W. Fullerton	John Landell	Chemical Works.	Spontaneous combust'n.	2	11,300
10	8.20 a m	874 W. Lake street	2 " frame	Mrs. Ross	J. Writs & others	Barber Shop	Defective flue	50	500
10	12.00 p m	3 Grand avenue	2 " "	Mrs. Kelly	Mrs. Kelly & others	Wagon Shop	Carelessness	1,100	500
10	5.45	275-7 W. Randolph street	3 " brick	J. and W. Scott	T.&W.Scott&oth'rs	Bakery	Thawing out pipe		6,000
11	6.40	151 Monroe street	7 " "	Mrs. Kent	Thomas & Co.	Office Building	Lamp explosion	190	45,000
11	7.00 a m	141 Sixteenth street	4 " "	Mrs. R. Harris	L. Stratten & others	Hotel & Laundry.	Overheated stove	500	35,000
11	8.23 p m	56 N. Jefferson street	5 " "	First & Bradley	First & Bradley	Plow factory	Defective flue		4,000
11	6.48	False alarm.							
12	8.25 a m	568 W. Madison street	5 " "	Wash'tonian Home.	Wash'tonian Home.	Grocery store, etc.	Carelessness		50,000
12	9.33	259 Canal street	1 " "	J.T.Matthews & Co	J. T. Mathews & Co	Mattress factory	Defective flue		14,800
12	1.15	False still alarm.							
12	6 24 p m	346 State street	4 " stone	E. H. Harris	Mrs. Denter	Dwelling	Ignition	1,050	19,000
13	7.02 a m	166 Lake street	5 " brick	G. D. Thatcher	J. Booth	Wire goods fact'y	Defective forge	30	25,000
13	8.17 p m	499 Clark street	2 " frame	J. Forsyth	Susan Anderson	Dwelling	Unknown	15	300
13	2.54	False still alarm.							
13	6.55	False alarm							
14	3.17	361 W Madison street	2 " "	S. A. Sawyer	J. C. Bend & others	Furniture factory.	Sparks from stove	75	1,500
14	8.23 a m	R. 3154 Michigan avenue.	2 " brick	A. McNeil	A. McNeil	Stable	Unknown	250	5,000
14	2.08 p m	242 Thirty-first street	3 " "	Mr. Botsworth	J. McDonald	Dwelling	Carelessness	30	26,000
14	8.25 a m	118 Liberty street	2 " frame	Carl Javey	Carl Javey	Dwelling	Defective flue		
14	5.57	31 Huron street	2 " "	M. McNamara	P. Blake	Dwelling	Defective chimney	5	1,500
15	10.40	Fish st. near 22nd st.	2 " "	T. W. Harvey	T. W. Harvey	Office	Carelessness		600
15	10.04 p m	False still alarm.							
15	3.14	229 W. Washington street	2 " brick	Mortimer & Tapper	Mrs. Trainor	Dwelling	Defective chimney		3,150
15	5.35	24 & 26 N. Clinton street	3 " "	Mrs. Hill	N. B Bassett & Co.	Picture frame fac.	Upset'ng kerosene lamp	10,000	22,700
15	5.58	Second alarm.							
15	7.20	68 & 70 Monroe street	1 " frame	A. Kinsley	Kinsley & Miller	Roofers	Carelessness		2,500
16	4.49	425 State street	No loss				Sparks on awning		
16	6 25	316 Market street	2 story frame	D. O. Brine	M. Hepstein	Dwelling	Upset'ng kerosene lamp	100	1,800
17	7.40	False still alarm.							
17	9 45	2974 Wabash avenue	2 " brick	Dr. E. Sincere	Dr. E. Sincere	Dwelling	Incendiary	20	7,000
17	7.25 a m	False still alarm.							
18	8.14 p m	313-319 Wabash avenue	6 " "	J. L. Adams	R. Granger	Printing office	Ignition benzine vapor	3	203,500

18	10.00 p m	73 & 75 Monroe street	4	"	"	J. J. Gore	Chapin & Gore	Saloon & rest'rant	Overheated flue	50	190,000
19	2.30 a m	False still alarm.									
19	3.40	Paulina nr. Blue Island av	1	"	frame	E. F. Russell	Griffin & Wells	Foundry	Unknown	8,000	7,600
19	4 10 p m	662 Union street	1	"	"	A. Durnin	A. Durnin	Dwelling	Wood box too nr. stove	10	800
19	5.10	False still alarm.									
19	2.34 a m	1514 W. Lake street	3	"	brick	William Hartz	Geo. Eaton	Saloon	Unknown	3,250	3,600
19	9.57 p m	Cor. Lake & Rockwell sts	1	"	frame	C. St. L. & P. R. R.	C. St. L. & P. R. R.	Flagman's house.	Overheated stove	35	
19	1.24	False alarm.									
19	11.51	67 Washington street	4	"	brick	L. Z. Leiter	Fulton & Co.	Tin shop	Defective fire-place	500	28,000
19	4.43	497 Clark street	No loss						Chimney fire		
19	12.39 a m	471 Halsted street	2	story	frame	S. Linden	E. J. Kennedy	Saloon and dw.	Supposed incendiary	20	1,500
20	6.20	Outside city limits.									
20	10.54	False alarm.									
20	10.07	375 Illinois street	1	"	brick	D. Golyer Bros.	D. Golyer Bros.	Varnish works	Kettle boiling over	75	
20	6.28 p m	2831 Dearborn street	2	"	frame	Daniel Reilly	T. B. Brown	Dwelling	Children with matches		
22	8.35	False still alarm.									
22	4.48	2974 Wabash avenue	2	"	brick	Dr. E. Sincere	Dr. E. Sincere	Dwelling	Incendiary	15	
23	10.48	On canal bank	2	"	frame	McCormick	McCormick	Dwelling	Unknown	300	
24	6.39	478 & 480 W. Madison st.	3	"	brick	Foss estate	Haskett Bros.	Dry goods	Carelessness	1,000	33,000
24	9.13	Cor. Indiana av. & 14th st.	No loss						Lamp explosion		
25	11.17 a m	132 DeKoven street	3	story	frame	C. Sullivan	M. Roberts & others	Dwelling	Chimney fire		2,000
25	6.17 p m	False alarm.									
25	3.46	Johnson av. & 27th st.	4	"	brick	Conrad Seipp	Conrad Seipp	Brewery	Ignition		50,950
26	6.58	State bet. 22d and 23d sts.	No loss						Lamp explosion		
26	6.00	61 Phillips street	2	story	frame	M. Roso	M. Roso	Dwelling	Sparks from chimney		
27	8.00 a m	22 Redfield street	2	"	"	C. Tierney	Joe Bane	Dwelling	Carelessness		
27	3.20 p m	573 Canal street	2	"	br & fr	S. Simon	P. Joseph & Bro.	Dry goods and dw	Cigar stub in rubbish		13,000
27	12.55	False still alarm.									
27	2.35	9 to 13 Wabash avenue	5	"	brick	P. C. Hanford	E. A. Cook	Printing office	Unknown	7,900	27,050
27	2.40	Second alarm.									
28	2.25 a m	357 to 361 Blue Island av.	2	"	frame	M. Mullaney	A. Sterl and others.	Saloon & drugs	Unknown	1,800	9,600
28	5.31	357 to 361 Blue Island av.	2	"	"	M. Mullaney	A. Sterl and others.	Saloon & drugs	Rekindling		7,600
28	5.15	False still alarm.									
28	7.25 p m	201 Desplaines street	1	"	"	M. McGill	J. Ford and others.	Store and dw	Supposed incendiary	20	500
28	12 59	Archer av. & Church pl	No loss						Tar kettle boiling over		
28	7.59 a m	536 State street	2	story	frame	A. Malbout	A. Malbout	Saloon and dw.	Lamp explosion	400	500
28	7.59	538 State street	2	"	"	A. Hoffman	A. Hoffman	Dwelling	Lamp explosion	30	600
29	9.00	3564 Butterfield street	2	"	"	S. A. Willard	Mrs. Waterman	Dwelling	Defective chimney		1,400
29	6 20 p m	395 Clark street	No loss						Chimney fire		
29	11.05	2632 Wallace street	2	story	frame	H. Freeze	H. Freeze	Grocery and dw.	Lamp explosion	350	1,600
29	9.55	509 Wabash avenue	2	"	brick	L. L. Coburn	Unoccupied	Dwelling	Unknown	600	1,800
29	12.50	127 Will w street	2	"	frame	A. Lehman	A. Lehman	Dw. and bakery	Defective chimney	250	2,600
29	6.38	135 Randolph street	No loss						Carelessness		
29	10.32	134 Henry street	1	story	br & fr	O. T. Couch	O. T. Couch	Laundry and dw.	Defective chimney	25	2,000
30	0.30 a m	37 to 41 Armour street	4	"	brick	Central Manfg. Co.	Same	Furniture Mnfy.	Unknown		21,000
30	8.14	2974 Wabash avenue	2	"	"	Dr. E. Sincere	Dr. E. Sincere	Dwelling	Incendiary	354	

MARCH—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	tal Loss.	Total Insur'nce.
30	9.39 a m	60 W. Randolph street	4 story brick	Seeley estate	W. Barrett & others	Dwelling	Unknown	$850	$3,750
30	10.32 p m	221 W. Randolph street	2 " "	Mrs. C. Chapin	A. Meyer & others	Clothing and dw.	Unknown	50	4,300
31	6.58	False still alarm.							
31	10.02	213 Maxwell street	2 " "	B. Cohn	B. Cohn & others	Tailor shop & dw.	Overheated woodwork	5	1,000
31	7.51 a m	120 Fifth avenue	4 " "	Mrs. Mullikin	C. Daily Herald Co.	Printing office	Overheat d furnace	15	60,000
31	7.38	Chimney burning out.	No loss				Chimney fire		
Total, 98 Fires; 9 False Alarms, and 12 False Still Alarms; Loss on Buildings, $25,219; Loss on Contents, $17,860								$43,079	$1,240,950

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
1	1.58 p m	95 Pearson street	3 story brick	C. B. Farwell	Vacant	Dwelling	Sparks from tinner's pot	$ 500	$ 55,000
1	10.56	False alarm							
1	8.19	2007 State street	1 " frame	McKey estate	G. H. Childs	Ki'dl'g wood Mfg	Overheated rosin kettle		500
1	9.18	55 Liberty street	1 " "	L. Youaliskelski	L. Youaliskelski	Dwelling	Chimney fire		
2	11.00 a m	False still alarm							
2	11.30	False still alarm							
3	12.55	Cor. Clybourne av. & A st.	4 " brick	W.W.Par'r Suit Co	W.W.Par'r Suit Co	Furniture factory	Spontaneous combusti'n		18,000
3	11.51 p m	178-180 W. Erie street	3 " "	Wolff Bros	Wolff Bros	Sash factory	Unknown	225	10,000
3	11.07 a m	Miller's Dry Dock	1 " frame	Miller Bros	Miller Bros	Shed	Unknown		
3	12.45 p m	McHenry & Rawson st	2 " "	N. S. Rolling Mill.	Same	Rolling mill	Sparks on roof	10	
3	7.21	394 Hubbard street	2 " "	B. Conlon	B. Conlon	Dwelling	Lamp explosion		
4	11.08	252 Wabash avenue	5 " stone	Mrs. M. E. Hanley	Hesly & Millet	Stained glass	Unknown	575	48,000
4	9.55	229 McHenry street	1½ " frame	J. Bradley	J. Bradley & others	Dwelling	Carelessness	50	1,200
5	9.04 a m	N. E. cor. Wash. & Peoria	2 " stone	SS.Peters&PaulsSo	Same	Episcopal church	Unknown	25	18,750
5	1.30	R. 2953 Butler street	1 " frame	Wm. O'Hearn	Wm. O'Hearn	Stable	Unknown	60	
6	9.20	R. 409 W. 17th street	1 " "	J. Kuhn	J. Kuhn	Dwelling	Accidental		
6	11.23 p m	R. 356 to 358 W. 15th st.	2 " "	J. Sheahan	J. Sheahan	Barn	Supposed incendiary		
6	5.07	192 to 196 W. Lake st	3 " br & fr	N. M. L. Ins. Co.	Mrs. Johnson	Saloon, etc	Accidental		12,000
6	11.15 a m	3206 Butterfield street	2 " frame	J. P. Padden	J. P. Padden	Dwelling	Overheated varnish pot		2,000
6	12.42 p m	148 5th avenue	4 " stone	P. Passen	Cunningham Bros.	Dry goods	Defective stove		22,000
7	12.38	510 N. Market street	2 " frame	Geo. Robinson	Cornwall M'fg Co.	Cotton batting	Friction	10	2,000
7	11.08 a m	642 N. Franklin street	1 " "	M. Heidrick	M. Heidrick	Barn	Unknown	60	
8	10.53 p m	Augusta & Western av.	pile of lumber	Unknown			Malicious mischief	10	
9	4.52	False still alarm							
9	3.15 a m	136 E. 17th street	1 story frame	D. Martin	S. Young	Fire kindl'g mfg	Hot ashes	15	400
11	11.00	47 Van Buren street	2 " brick	M. Sullivan	P. Marks & others.	Restaurant	Match on awning		3,500
12	1.15	Jefferson st. & Ward Ct.	lumber	Soper Bros	Soper Bros	Lumber yard	Unknown	2,000	25,000
12	5.35 p m	1604 Wabash avenue	3 story brick	J. Cunningham	Mrs. Morgan	Lodging house	Unknown	250	7,000
12	8.12	False alarm							
12	8.05	109, 111 & 113 W. Wash. st	2 " frame	J. Sederer	J. J. Badenoch	Feed store, etc	Unknown	75	5,500
12	8.28	R. 84 Tilden avenue	2 " "	J. Harvey	J. Harvey	Barn	Unknown	20	175
12	11.15	Outside city limits							
12	11 20	Still alarm							
12	7.02	False alarm							
12	7.52	160 & 170 N. Clark street	2 " brick	M. Brand	J. W. Twohey	Dry goods	Gas in window	800	90,000
12	12.20	False still alarm							
13	6.04	False still alarm							

APRIL.—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
14	9.05	106 Loomis street	2 story brick	Dernier & Robins'n	J. H. Jones	Dwelling	Accidental	20	4,000
14	7.40	740 and 742 W. Madison	2 " frame	Geo. B. Cook	H. Minzinger & oth	Groceries	Supposed incendiary		3,300
14	8.30	451 Western avenue	2 " brick	S. W. Rawson	Rooney Bros	Groceries	Spontaneous combusti'n	75	4,700
14	11.08 a m	231 N. Green street	2 " frame	H. Hanson	H. Hanson	Table factory	Wood in oven to dry		1,200
15	2.10	False still alarm							
15	11.19	Chimney burning out	No loss				Chimney fire		
15	4 02	False still alarm							
16	10.44	484 State street	No loss				Grease on stove		
16	8.25	229 Randolph street	4 story brick	Keoppler estate	S. L. Kientze	Saloon & Dwell	Explosion gasoline sto'e	30	8,500
16	4.14	228 N. Clark street	2 " frame	Wm. Bullock	H. Bauman	Dwelling	Supposed incendiary	400	1,500
17	11.54	434 W. Adams street	2½ " "	O. Mayer	O. Mayer	Dwelling	Defective flue	900	7,000
17	5.37 p m	Warren avenue	2 " "	Mrs. J. B. Love	Chas. Wing	Dwelling	Igni'n of vapor f'm st've		1,000
17	11.15 a m	False still alarm							
17	1.00	634 Center avenue	2 " brick	G. H. Straight	G. H. Straight	Mill m'fy	Sparks from furnace	2,500	16,000
17	1.03	Second alarm							
17	10.43 p m	Cor. River and 35th street	1 " frame	City	City	Bridge house	Lamp explosion		
17	9.56 a m	Outside city limits							
17	1.30	1322 Michigan avenue	2 story frame	J. I. Pearce	E. H. Mill	Dwelling	Overheated stove	350	3,000
18	12.15 p m	348½ State street	3 " stone	Mr. Hartman	H. Starr	Pawnbroker	Plumber's lamp	10	14,000
18	7.50	34 and 36 E. Washington	No loss				Chimney fire		
18	10.12 a m	R. 3358 Michigan avenue	2 story brick	C. P. Libby	C. P. Libby	Stables	Sparks from furnace	2,500	12,000
18	8.45 p m	N.E.cor. Wood & Park av	3 " fr & s	B. Stampen	Stampen, Lee & Co	Furniture m'fy	Unknown	5,500	13,000
18	9.27	False alarm							
19	10.45	False still alarm							
19	9.28	1313 State street	3 " brick	Mr. Schlossen	J. Blumm	Rag shop	Spontaneous combusti'n		6,000
20	4.05	56 to 56 N. Wells street	4 " "	Ruddy Bros	Ruddy and others	Hotel	Overheated stove	200	40,000
20	1.10 a m	Cor. Morgan & Monroe st	3 " "	City	Board of Edncati'n	School	Incendiary	500	
20	1.03	False still alarm							
21	9.09	312 & 312½ W. Randolph	2 " frame	C. M'Donald	D. Hennessey & o'r	Dwelling	Defective flue		2,500
21	5.20	3701 Vincennes avenue	2 " brick	G. F. Harding	G. F. Harding	Dwelling	Defective fire place		1,000
21	7.30 p m	R. 210 Johnson street	1 " frame	G. Brinkman	G. Brinkman	Barn	Unknown	10	100
22	7.16 a m	176 13th Place	1 " brick	J. P. Kelley	J. P. Kelly & oth	Dwelling	Sparks from chimney		700
22	8.10 p m	False still alarm							
23	10.10 a m	272 State street	No loss				Grease on stove		
23	11.43 p m	R. 2529 Cologne street	1 story frame	M. Hall	Mr. Callaghan	Wood shed	Unknown	15	
24	11.35 a m	False still alarm							
24	9.55 p m	3101 Wood street	2 " brick	W. Prochato	W. Prochato	Store and Dwell	Lamp explosion	500	1,500

24	6.59 p m	Charles and Taylor street	No loss					Ignition		
24	7.24 a m	506 W. Indiana street	2	story frame	James Fleming	S. Mulholland	Dwelling	Defective flue		2,100
24	6.41 p m	False still alarm								
25	4.23	47 5th avenue	4	" brick	M. Geoghan	M. Sunshine	Saloon	Upsetting lamp	40	7,000
25	8.56	Harrison & Pacific ave	1	" frame	M. S. R. R. Co	M. S. R. R. Co	Switch house	Sparks from locomotive	5	
25	8.38 a m	228 Michigan street	1	" "	R. P. Gormally	R. P. Gormally	Cornice works	Accidental		7,000
25	1.01	R. 2529 Cologne street	No loss					Rekindling		
26	12.53 p m	777 So. Canal street	2	story frame	S. A. Brown	S. A. Brown	Planing mill	Carelessness	400	24,000
26	4.12	154 Illinois street	1	" brick	A. Schwartz	A. Schwartz	Dye house	Explosion of naptha	50	
26	9.20	250 Ewing street	1	" f'r & b'r	J. Baird	M. Curtiss & others	Dwelling	Lamp explosion		1,000
26	0.52	415 Fulton street	No loss					Ignition		
26	3.40	R. 2702 State street	2	story frame	Judge Wiley	J. F. Lee & Son	Stable	Children with matches	10	3,300
27	9.05 a m	3026 Arnold street	2	" "	H. Hirsch	H. Hirsch	Dwelling	Chimney fire		
27	2.35 p m	440 State street	No loss					Unknown		
27	4.48	Mouth of Chicago River	Vessel		Buswell & Cairns	Buswell & Cairns	Transportation	Overheated stove		
27	0.58	180 and 184½ W. Lake st	2	story frame	I. Moore	Mrs. M. Bellews	Dwelling	Defective flue	25	1,300
27	11.45 a m	166 Adams street	2	" f'r & b'r	S. Raggio	S. Raggio & others	Dwelling	Sparks from chimney		2,800
27	7.35 p m	103 N. Wells street	3	" brick	W. Mears	F. Ludwig & oth	Dw. & Barb'r sh'p	Explosion, keros. lamp	10	
27	7.45 a m	Cor. Broad & Archer ave	No loss					Spontaneous combusti'n		
27	4.25 p m	Loomis and 22nd street	Sidewalk		City	City	Sidewalk	Sparks from chimney		
28	9.55	Chimney burning out	No loss					Chimney fire		
28	9.08 a m	165 Meagher street	1	story frame	C. Carroll	C. Carroll	Dwelling	Sparks from chimney		
28	1.47 p m	384 Taylor street	2	" b'r & f'r	J. McGary	J. Hersch & others	Dwelling	Sparks from chimney		2,700
28	2.05	377 Jefferson street	1	" frame	M. Winburger	M. Winburger	Dwelling	Chimney fire		100
28	3.54	R. 77 Liberty street	1	" "	M. L. Leopold	L. Goldberg	Dwelling	Rags too near stove		
28	5.00	False still alarm								
28	5.08	Outside city limits								
28	7.50	123 North avenue	1½	" "	Mrs. Kanska	Mrs. Wood	Dwelling	Chimney fire		
28	3.06 a m	Outside city limits								
29	10.49	260-8 31st street	3	" brick	F. Crumbaugh	J. Nelson & others	Furniture & Dw	Overheated glue cup		21,000
29	7.55 p m	False alarm								
29	10.21	400 N. Halsted	1	" frame	W. R. King	W. R. King	Hair Dycing	Overheating	50	6,000
29	3.28	104 13th street	2	" "	E. Fitzgibbons	Kerns & others	Dwelling	Sparks from Chimney	10	500
30	1.10 a m	Outside city limits								
30	6.15 p m	127 Monroe street	2	" f'r & b'r	E. Sutton	C. H. Hall & others	Dwelling	Sparks from chimney		800
30	1.50 a m	Outside city limits								
30	7.23 p m	False still alarm								
30	7.58 a m	False still alarm								
30	8.10	863 W. Madison street	3	" brick	M. Baldwin	Mosher & Co	Grocery & Dwell	Defective flue		6,500
30	3.10	False still alarm								
30	10.48	R. 617 W. Lake street	No loss					Ignition		
		Total 85 Fires; 6 False Alarms and 17 False Still Alarms; Loss on Buildings $7,810; Loss on Contents							$10,985	$18,795	$ 548,125

MAY.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
1	3.05 a m	3318 Ashland avenue	1 story frame	No loss			Unknown		
1	9.58 p m	3829 Larabee street	2 " "	McMahan	McMahan	Store & Dwelling	Unknown	$ 275	$ 1,800
1	3.30	Chimney burning out	No loss				Chimney fire		
1	3.38 a m	False still alarm							
2	2.59 p m	2617 So. Park avenue	2 story frame	E.H.Montgom'ry	M. Cohn & others	Store & Dwelling	Clothing too near stove.	10	6,150
3	3.25	32 to 38 W. Randolph st.	4 " brick	Freer and others	Newman Bros.	Restaurant	Overheated range	50	36,000
3	12.45	McHenry and Rawson st.	2 " frame	N.C. Rolling Co.	Same	Mill	Sparks from chimney	20	
4	3.00 a m	1804 Wabash avenue	3 " brick	S. Greystone	H. Levy & others	Clothing & Dwell	Unknown	105	8,000
5	11.02	329 S. Lincoln street	2 " "	Mrs. Clark	Mrs. Clark	Dwelling	Carelessness		
5	9.54 p m	False still alarm							
5	2.45	183 N. Clark street	2 " frame	L. Gerlinger	B. Zimmerman	Millinery	Sparks from chimney	10	2,500
5	9.57 a m	75 Dearborn avenue	3 " brick	E. S. Dreyer	Families	Dwelling	Kerosene stove upset		5,400
6	7.15 p m	Chimney burning out	No loss				Chimney fire		
6	1.10	False still alarm							
7	9.00 a m	False still alarm							
7	8.15	Pine street varnish works	No loss				Chimney fire		
7	9.45 p m	Chimney burning out	No loss				Chimney fire		
7	11.57 a m	False still alarm							
8	12.55 p m	80 N. Wells	4 story brick	W. Hudson	C. Cruger & oth	Reastau. & Dwell	Kerosene stove upset	5	7.500
8	7.16	146 Illinois	2 " "	A. Schwartz	A. Schwartz	Dwelling	Children with matches	10	4,500
8	9.08	3430 Dashiel street	2 " frame	Dan Sheehan	Dan Sheehan	Stables	Carelessness	2	500
10	7.20 a m	1319 Wabash avenue	2 " "	Andrew Blaki	E. C. Frisbie	Dwelling	Defective chimney	250	
10	6.44 p m	110 Lake street	4 " brick	J. V. Shotwell	Chic. Wire W'ks	Wire works	Unknown	2,400	35,000
10	11.01	484 State street	2 " "	No loss			Explosion, kero. stove		
10	11.22	243 So. Water street	4 " "	T. Hoyne estate	Nickerson	Flour store	Unknown	70	7,550
10	4.10 a m	576 Center avenue	2 " frame	P. Rabbitt	P. Rabbitt	Barn	Supposed incendiary	400	600
11	12.20	False still alarm							
11	8.20	116 Quincy street	1 " "	W. Baragwanath	W. Baragwanath	Boiler works	Sparks from forge	10	
11	1.15	False still alarm							
11	10.38 p m	False still alarm							
11	8.40	384 Wabash avenue	No loss				Chimney fire		
12	6.10	Illinois st., near Pierce st.	2 story brick	Marsh & Brig'm	Marsh & Brigh'm	Saw mill	Smoke stack overheated	15	3,500
13	10.30	False still alarm							
14	10.17 a m	Madison & Wabash ave.	No loss				Chimney fire		
14	11.41	169 Third avenue	2 story brick	Charles Creed	Rachael Crump	Dwelling	Carelessness	40	3,000
14	4.30 p m	499 Clark street	2 " frame	No loss			Rubbish on fire		
15	10.39	False alarm							

15	11.48	False alarm								
15	12.30	234 Maxwell street	2	story	frame	M. Tonieas	M. Tonieas	Dwelling	Carelessness	8,000
15	2.03 a m	2129 Michigan avenue	3	"	brick	J. S. Corning	Mrs. McAfferty	Boarding house	Unknown	16,000
15	9.00 p m	86 N. Clinton street	2	"	"	Vulcan Iron W'k's	Vulcan Iron W'k's	Foundry	Overheated cupola	36,000
16	2.13	32 to 38 W. Randolph st.	4	"	"	Freer & others	Newman & oth	Restaurant	Overheated range	
16	12.15	94 Bunker street	1	"	frame	J. Maloney	J. Maloney	Dwelling	Sparks from chimney	
16	12.44	False still alarm								
17	9.50 a m	458 Clinton street	2	"	"	S. Bierbaum	S. Bierbaum	Dwelling	Sparks from chimney	1,650
17	5.28 p m	353 Canal street	No loss						Chimney fire	
17	10.05 a m	510 N. Market street	2	story	frame	G. Robinson	Cornwall Mfg Co	Cotton batting	Sparks from stack	2,000
17	1.59 p m	507 Dearborn avenue	2	"	"	A. Arend	A. Arend	Storage	Carelessness	250
17	2.12 a m	2129 Michigan avenue	3	"	brick	J. S. Corning	Mrs. McAfferty	Boarding house	Supposed incendiary	8,000
17	7.40 p m	229-233 Indiana street	3	"	"	H. Anderson	A. Goldsmith	Dry goods	Gas jet too near goods	13,000
19	4.56	1220 State street	No loss						Ignition of gas	
19	8.10	54 Evans street	1	story	frame	J. Walsh	J. Walsh	Dwelling	Lamp explosion	500
19	12.49 a m	Outside city limits								
20	12.30 p m	Canal and Van Buren st.	No loss						Tar kettle boiling over	
20	3.48	446 Clark street	No loss						Ignition	
21	2.50	780 S. Halsted street	3	story	brick	Preston Kene	John York	Stores & offices	Gas jet in windows	60,000
21	3.48 a m	231 to 243 Newberry ave.	2	"	frame	E. A. Linn	J. Coleman	Dwelling	Supposed incendiary	6,185
21	12.05 p m	47 Miller street	2	"	b'r & f'r	Mutual Ins. Co	P. Smith & Co	Dwelling	Sparks from chimney	800
21	9.40	60 S. Canal street	3	"	brick	Maypole Bros	Maxwell Bros	Sheet iron works	Spontaneous combusti'n	7,000
21	8.40	3008 State street	1	"	frame	E. Campbell	E. Shevlin	Blacksmith shop	Carelessness	
22	6.46 a m	2420 Archer avenue	2	"	brick	Ward & Gaensslen	Ward & Gaensslen	Tallow manuf'ory	Unknown	14,000
22	6.54	Second alarm								26,750
22	4.17 p m	Chimney burning out	No loss					Chimney fire		
22	3.00 a m	Cor. Throop & 22nd st.	1	story	brick	Thomas Wiley	Thomas Wiley	Shaving house	Sparks from chimney	25,000
22	11.18 p m	Canal bank & Oakley st.	1	"	frame	McKinney	McKinney	Sheds	Sparks from kiln	100
22	3.00 a m	2414 S. Park avenue	3	"	brick	Sidney Smith	Sidney Smith	Dwelling	Carelessness	250
22	12.25	27 Fay street	1	"	frame	M. Razogoviski	M. Razogoviski	Dwelling	Overheated woodwork	7,000
23	12.41 p m	510 N. Market street	2	"	"	G. Robinson	Cornwall Mfg Co	Cotton batting	Dust on boiler	
23	10.19	347 Illinois street	2	"	brick	Mason & Davis	Mason & Davis	Foundry	Overheated oven	2,000
23	1.41	Cor. Green & Phillips st.	3	"	frame	Phillips' estate		Chair factory	Sparks on roof	150
23	3.55	R. 126 Halsted street	No loss						Unknown	2,000
23	7.10	3128 State street	3	story	brick	William Keefer	L. Wolff	Boot & shoe store	Gas explosion	
24	8.28	581 Hubbard street	2	"	frame	Conn. M. L. Ins. Co	S. J. Doggett	Dwelling	Accidental	7
24	6.03	Cor. Loomis & 22nd st.	1	"	brick	Hare & Ridge	Hare & Ridge	Shaving shop	Sparks from chimney	9,000
25	2.07	False still alarm								2,500
25	6.51	False still alarm								
25	2.09	S.W. cor. Taylor & Clark st	No loss						Ignition	
25	6.55	False still alarm								
25	11.58	195 S. Halsted street	3	story	brick	B. Yuthman	E. Hartman & o's	Lodging house	Lamp explosion	40
25	6.20	N. W. R. R. track	R. R. Track			N.C. Rolling Mill Co		Track	Spontaneous combusti'n	30
25	1.42	Cor. Water & Dearborn av.	4	story	brick	H. Sibley	Sibley & others	Warehouse	Unknown	130,628
25	1.47	Second alarm								160,000
25	2.12	Third alarm								

MAY.—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Couse.	Total Loss.	Total Insurance.
26	7.20 p m	253 Center avenue	2 story frame	Mrs. Brown	F. Blatz and others	Dwelling	Sparks from chimney		
26	11.57	False still alarm							
26	7.00	9 Burlington street	1 " "	C. Holbie	C. Holbie	Dwelling	Overheated stove	$ 10	
27	11.35	Outside city limits	Town of Lake						
27	7.16 a m	16 So. Jefferson street	2 story brick	Bishop estate	S. Palm	Wagon shop	Sparks on roof	10	$ 4,000
27	6.57 p m	R. 83 Jackson street	1 " frame	C. Unrath	C. Unrath	Sheds	Sparks from chimney		
27	8.43	R. 85 and 87 Canal street	2 " "	J. Steinberg	G. W. Harrison	Store room	Sparks on roof		25
28	5.20	191 N. Halsted street	2 " "	E. A. Dasso	E. A. Dasso	Saloon & Dwell	Sparks from chimney		2,000
28	7.40 a m	Wilson and Lumber st	1 " "	E. G. Hartwell	F. G. Hartwell	Coal office	Stove pipe thro. roof	15	
28	2.04 p m	197 and 199 Clinton street	4 " brick	Samon & Clark	Gardner & Brown	Spring bed works	Friction		35,000
28	1.08 a m	78 Reese street	2 " frame	H. Eberhardt	H. Eberhardt	Dwelling	Defective chimney	5	800
28	1.20 p m	105 W. Erie street	Hay stack	No loss			Unknown		
28	2.27 a m	Outside city limits	Lake View						
28	1.47	69 So. Canal street	3 story brick	Maypole Bros	Maxwell Bros	Sheet iron works	Overheated furnace	25	7,000
28	2.40	False still alarm							
28	8.25	664 Warren avenue	2 story frame	J. Baumgarter	C. Parker	Dwelling	Sparks from chimney		1,500
28	10.37	Cor. Archer av. & 31st st.	1 " "	U. W. Co.	U. W. Co.	Paint shop	Explosion	800	600
28	6.24	261 Wabash avenue	No loss				Ignition		
28	6.44	265 and 7 State street	5 story brick	Bigelow	Ford & Johnson	Furniture	Spontaneous combusti'n	15	48,000
29	11.26 p m	75 and 77 Lake street	5 story stone	McCord estate	Cribben, Sexton Co	Show cases & tinw	Unknown	7,700	39,500
29	11.59	Second alarm							
29	11.11	106½ Pacific avenue	1 " frame	Jacob Franks	Joseph Beans	Dwelling	Unknown	15	
30	3.54 a m	Cor. 39th & Halsted st	1 " "	C. G. L. & Coke Co	C. G. L. Coke Co	Meter house	Unknown	100	
30	3.15	1-3 Finnell street	2 " "	A. Schlagel	J. Foran & others	Laundry & Dwell	Supposed incendiary	150	
30	3.15	5 Finnell street	2 " "	Charles Foell	Charles Foell	Meat market & D.	Supposed incendiary	300	1,000
30	3.15	7 Finnell street	1 " "	Mrs. C. Super	Mrs. C. Super	Dwelling	Supposed incendiary	5	
30	3.15	2237 Archer avenue	2 " "	P. Musbaum	M. Myer	Saloon & Dwell	Supposed incendiary	10	1,000
30	7.34 p m	S.W. cor. State & 21st st.	1 " brick	A. J. Spaulding & Co		Roller skating r'k	Gas jet too near curtain		25,000
30	10.35 a m	False still alarm							
30	1.49	R. 49 Randolph street	No loss				Rubbish on fire		
30	2.00	218 State street	5 story brick	Henry Corinth	Friedman	Notion Store	Carelessness	25	135,000
30	11.33 a m	Cologne and Deering st	Lumber pile	R. W. English	R. W. English	Lumber yard	Sparks from steam boat	50	25,000
30	2.15 p m	497 W. 16th street	1 story frame	J. Long	J. Long	Dwelling	Children with matches	200	800
30	2.15	499 W. 16th street	2 " "	H. Peters	H. Peters	Dwelling	Children with matches	400	1,500
30	5.55	Cor. Hinman & Throop st	3 " brick	Wilter & Co	Wilter & Co.	S. A. & B. M	Sparks from chimney		35,000
30	9.15 a m	R. 67 N. Leavitt st	1½ " frame	Leo Miller	W.N. Walsh & oth.	Store house	Children with matches	65	
30	1.25 p m	False alarm							

30	8.00 p m	42 and 44 W. Huron st	3	"	"	E. Warneck	A. S. Machine Co.	Machine factory	Unknown	1,100	14,000
30	7.53	577 Larrabee street	2	"	"	C. Lindaw	C. Lindaw	Dwelling	Gas explosion	100	1,200
30	2.03	83 to 91 Illinois street	3	" b'r & f,r		J. W. Reedy	J. W. Reedy	Elevator	Sparks from forge	6,600	25,000
30	2.08	Second alarm									
30	3.20 a m	False still alarm									
30	3.40 p m	171 and 173 Van Buren st.	3	story frame		C. Simon	G. Rooset & others	Confectio'ry store	Children with matches		4,000
31	2.41	False alarm									
31	2.45	Foot of Bunker street	Lumber			A. J. McBean &	Co.	Cedar posts	Sparks from tug boat		10,000
31	2.50	Second alarm									
31	7.00 a m	Con'ts tar kettle boil'g o'r	No loss						Carelessness		
31	11.17 p m	False still alarm									
31	4.10	100 & 102 Washington st.	5	story stone					Igniting from gas		
31	3.00	False still alarm									
31	9.00 a m	False still alarm									
31	11.27 p m	Cor. Congress & Wabash	1	story frame		B. T. Hutchinson	B. T. Hutchison	Tool shed	Carelessness	15	
31	2.55 a m	2811 Hanover street	2	"	"	Chas. Fuchs	F. Kuntzman	Meat market	Unknown	150	800
31	12.41 p m	Groveland Park av. & 31 st	1	"	"	E. Oleson	E. Oleson	Shed	Unknown	20	
31	2.00	2123 Archer avenue	2	"	"	F. Ays	F. Aye	Stables	Sparks from chimney		500
Total 103 Fires; 5 False alarms and 18 Still False Alarms; Loss on Buildings $22,067; Loss on Contents $145,420										$167,487	$ 944,360

JUNE.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Owner.	Use.	Cause.	Total Loss.	Total Insurance.
1	8.04 a m	Monroe st. & R. R. Track	No loss				Sparks from locomotive		
1	1.40	False still alarm							
1	2.57 p m	275 5th Avenue	No loss				Cigar stub in rubbish		
1	9.10	False alarm							
1	2.40 a m	False still alarm							
2	9.13 p m	2205 Archer avenue	4 story brick	C. Kahn	A. Aurbanch	Dry goods	Goods too near gas jet	200	$ 17,000
2	4.41 a m	174 Van Buren street	1 " frame	J. A. Yale	J. Coyle	Dwelling	Overheated woodwork		
2	6.53 p m	125 and 227 Ewing street	3 " brick	M. Harvey	M. Pomeroy & oth.	Dwelling	Children with matches		
3	8.04	Outside city limits	Hyde Park						
4	12.05	325 Harrison street	2 story b. & f.	Dawson & Miller	D. Avenze	Dwelling	Supposed incendiary	300	2,250
5	10.25	Under Lake st. bridge	1 " frame	City of Chicago	J. Bagley	Boat house	Sparks from fire place		
5	3.19 p m	N.E. Rand'ph & Mich. av.	5 " brick	Armour estate	Geo. Ludlow & Co.	Boots and shoes	Ignition	5	74,000
5	9.50	24 & 26 E. Van Buren st.	5 " "	McCord estate	C. C. Holton	Furniture mfy	Unknown	11,000	23,000
5	9.54	Second alarm							
5	7.29	233-235 N. Green street	4 " "	A. J. Johnson & Co	A. P. Johnson & Co	Chair factory	Ignition	25	20,000
5	7.34	263 W. 20th street	No loss				Defective chimney		
5	9.52	Spec. call to H. & L. No. 4							
5	3.25 a m	3856 Dearborn street	2 story frame	L. T. Somer	Mrs. Dillon	Storage	Hot ashes		2,500
6	8.35	False still alarm							
6	11.00 p m	False still alarm							
6	10.30	False alarm							
6	11.28	False alarm							
7	3.36	False still alarm							
7	2.50	False still alarm							
7	3.25	153-5-7 Owasco street	1 story frame	T. Shaffer & others	Same	Coal sheds	Children with matches	80	
7	0.57 a m	False still alarm							
7	3.17 p m	R. S. Ashland avenue	No loss				Tar kettle boiling over		
8	3.34 a m	False still alarm							
9	11.37	2338 Michigan avenue	No loss				Unknown		
9	5.35 p m	False still alarm							
10	3.00	88 Bryant Place	2 story brick	E. R. Carpenter	E. R. Carpenter	Dwelling	Defective fire place		3,500
10	1.13	False still alarm							
10	3.32	826 Milwaukee avenue	2 " frame	Mrs. Balls	Fred. Smerling	Flour and feed	Carelessness		1,800
10	10.12	False alarm							
10	11.15	R. 297 W. Randolph st.	1 " "	Hartford Ins. Co.	Unoccupied	Coal & wood shed	Supposed incendiary		
10	3.04	107 Harrison street	No loss				Chimney fire		
11	8.17	1525 Dearborn street	2 story brick	Cushing & Foote	Cushing & Foote	Foundry	Sparks from cupola		15,000

11	2.24 a m	R. 296 Centre avenue	2 story frame	P. Kilbridge	F. Ardell	Barn	Carelessness	175		
11	8.56 p m	False alarm								
11	7.40	Cor. Superior & State st.	No loss				Unknown			
11	12.10 a m	False still alarm								
12	8.40	2938 State street	3 story brick	G. Sweinfurth	C. Richter & others	Bakery & Dwell.	Overheated oven		6,700	
12	10.30	Twenty-fourth Place	2 " frame	Mrs. Becker	Mrs. Becker & oth.	Dwelling	Sparks from chimney		900	
12	11.23	189 22nd street	3 " brick	J. A. Seaverns,	J. Peiser	Grocery & Dwell.	Explosion of gas meter		12,000	
12	12.50 p m	2232 McGlashen street	1 " frame	Mrs. O'Neil	Mrs. Burke	Dwelling	Chimney fire			
12	2.08	399 Clybourne avenue	3 " "	H. Freese	H. Freese & others	Dwelling	Children with matches	1,100	1,650	
12	2.16	Second alarm								
12	2.16	397 Clybourne avenue	2 " "	F. Greyerstranger	F. Greyerstranger	Dwelling	" " "	1,450	2,200	
12	2.16	395 Clybourne avenue	1 " brick	C. Merenbier	C. Merenbier & oth	Dwelling	" " "	300	800	
12	2.16	R. 401 Clybourne avenue	1 " frame	H. Klipp	H. Klipp	Dwelling	" " "	250	400	
12	2.16	89 Sheffield avenue	2 " "	John Lutz	John Lutz	Dwelling	" " "	550		
12	9.08	148 Bissell street	2 " "	C. Idelman	C. Idelman	Dwelling	Lamp explosion		1,600	
12	0.55	220 Fulton street	No loss				Ignition			
12	2.20 a m	507 to 513 W. Kinzie st.	3 story frame	Chic. Theo. Semi'y	Smith & McComb	Veneer factory	Supposed incendiary	29,000	30,000	
12	2.30	Second alarm								
12	2.30	R. 106-8-10 N. Ash'nd av	1 " "	Mrs. J. B. Worden		Dwelling	Supposed incendiary	400	1,500	
13	11.47 p m	258 & 260 Wabash av	4 " brick	J. E. Baker	Barry & Newcomb	Paints and oils	Spontaneous combusti'n	6,500	41,000	
13	11.52	Second alarm								
14	4.42	20 So. Desplaines street	2 story frame	A Bishop	A. A. Hatton	Dwelling	Sparks on roof	15		
14	10.20	2609 Halsted street	1 " "	P. McMahon	P. McMahon	Dwelling	Sparks from chimney		800	
14	3.45	93 and 95 Peoria street	2 " "	M. Dresselhouse	N. Nichols & oth.	Dwelling	Sparks from chimney			
15	1.33	259 Campbell avenue	1 " brick	Mrs. E. Hildreth	G. H. Fisher	Dwelling	Sparks from chimney		600	
15	1.15	False still alarm								
15	5.25	2010 Archer avenue	3 " "	M. Brand	Wm. Jer. Johns	Barber shop	Cigar stub	20	2,000	
15	11.00	1437 State street	4 " stone	P. Palmer	Reed & Adler	Plumbing & Dw.	Carelessness	35	11,000	
16	10.36 a m	S. E. cor. Wabash & Mad.	No loss				Chimney fire			
16	9.37 p m	364 W. 20th street	2 story frame	J. Koster	J. Koster	Dwelling	Lamp explosion		1,500	
16	10.40 a m	21st and State street	No loss				Tar boiling over			
16	5.08	92 Superior street	2 story brick	L. Brown	L. Brown	Dwelling	Lamp explosion		2,400	
17	13 54	Polk and Dearborn street.	No loss				Rubbish on fire			
17	0.50	Outside city limits.								
18	4.48 p m	False still alarm								
18	1.03 a m	82 & 82 W. Fulton street.	4 story brick	J. K. Russell	J. K. Russell	Planing mill	Overheated dry kiln	10,000	11,300	
18	1.05	Second alarm								
18	1.18	Third alarm								
18	11.00 p m	False alarm								
19	3.03	112 Market street	1 " b. & f.	C. Johnson	C. Johnson	Dwelling	Children with matches			
19	4.46	False still alarm								
20	2.39 a m	665 Blue Island avenue	2 " frame	J. Keho	Dauner	Store and Dwell.	Unknown	900	2,500	
20	2.39	667 Blue Island avenue	2 " "	M. Joyce	Carney	Dwelling	Unknown	150	1,500	
20	1.40 p m	410 24th street	2 " "	M. Kildebrand	M. Kildebrand		Sparks from chimney		2,000	
20	2.00	193 24th Place	2 " "	A. J. Whelan	A. J. Whelan	Dwelling	Hot ashes		1,000	
20	9.50 a m	742 W. Lake street	2 " "	O. M. Brady	Mrs. Hazelton	Bakery	Accidental		1,700	

JUNE—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
20	3.19 p m	73 N. May street	1 story brick	S. F. Gale	Eureka Oil Co.	Paint, oil factory	Kettle boiling over	$ 35	
20	5.40	Chimney burning out	No loss				Chimney fire		
20	11.55	False still alarm							
21	8.52	318 W. 12th street	4 story brick	M. Cossman	A. Schager	Dry goods & Dw.	Goods too near gas jet	200	22,000
21	9.43	R. 357 Canal street	No loss				Spontaneous combusti'n		
21	9.30	False alarm							
21	9.14 a m	1817 State street	2 story frame	C. Palmer	C. Hansen & oth	Candy store & D.	Overheated stovepipe		
21	8.45 p m	3007 Wabash avenue	3 " brick	J. Malveil	S. Rothchilds	Club house	Curtains too near gas		3,000
21	3.33 a m	R. 86 W. Division street	3 " frame	Johanna Simon	Johanna Simon	Dwelling	Sparks from chimney	25	2,000
21	11.53 p m	123 Clark street	No loss				Unknown		
21	9.25	False alarm							
22	4.10	38th and Ulman street	2 story frame	Bishop & Co	Bishop & Co	Office & Dwell	Lightning	900	10,000
22	3.00	False alarm							
22	10.40	False alarm							
23	1.21 a m	380 W. Madison street	4 " brick	F. Bernauer	J. Taylor & others	Dry goods & Not.	Unknown		13,000
23	5.51	N.E.cor Lake & State st.	No loss				Defective stove		
23	12.36	3889 Archer avenue	2 story frame	W. Baker	H. Moorehead	Store and Dwell.	Unknown		1,000
23	1.35 p m	Cedar street	No loss				Tar kettle on fire		
24	5.59	161 5th avenue	5 story stone	Lambert Tree	Theo. Briggs	Dry goods	Unknown	750	32,000
24	8.52	Chimney burning out	No loss				Chimney fire		
25	11.45 a m	619 to 627 W. Lake street	3 story brick	E. H. Castle	C. Y. Cutler	Groceries, &c	Varnish boiling over		8,700
25	4.25 p m	13, 15 & 17 W. Madison	4 " "	Parker & Leonard	J. Henderson		Def've founda'n, range	20	3,700
25	11.58 a m	False still alarm							
26	4.20 p m	365 W. Randolph street	2 " "	Mrs. E. H. Green	Ch. Cot'ge Org. Co	Organ factory	Sparks from furnace		69,000
26	6.20	77 and 79 W. Randolph st	2 " frame	J. Duprecht	J. Duprecht	Meat market	Sparks from chimney		1,200
26	3.25	Tar kettle on fire	No loss				Tar boiling over		
26	7.05 a m	Cor. Wallace & McGreg'r	2 story frame	No loss			Unknown		
27	2.59	2494 Archer avenue	2 " "	McEnry estate	H. Sonnenshine	Wall paper	Lamp explosion	75	7,000
27	5.68 p m	Cor. Wentw'h av & 16th.	2 " "	L. S. & M. S. R. R.	P. C. Hanf'd Oil Co	Store house	Overheated stove		400
27	2.12	254 Bissell street	1 " "	Geo. Condon	Geo. Congdon	Shed	Children with matches	15	
27	7.27	30 Indiana street	3 " brick	Shuber & Co	Shuber & Co	Planing mill	Lumber on boiler		13,000
27	8.08	False alarm							
28	12.12 a m	220 S. Water street	2 " "	Ryerson & Son	Barnum & Miller	Commissi'n house	Defective fire place	35	14,500
28	12.58 p m	278 and 280 Madison st	3 " "	J. Spray	Dossell Bros.	Grocery & Dwell.	Cigar stub		27,000
29	2.13	76 to 80 O'Brien street	3 " "	D. F. Bremner	D. F. Bremner	Bakery	Friction	3,350	61,500
29	1.17 a m	35 and 37 So. Canal street	4 " "	Holden & Greene	Chas. C. Whitmore	Warehouse	Unknown	10	
29	7.32	199 So. Clark street	No loss				Defective stove		

29	11.52	89 So. Clark street	No loss				Defective stove		
29	1.25 p m	369 Larrabee street	2 story frame	G. Bausch	G. Bausch	Dwelling	Sparks from chimney	5	1,500
30	12.30	Chimney burning out	No loss				Chimney fire		
30	11.37 a m	3523 Dashiel street	2 story frame	J. Sifer	J Sifer	Dwelling	Oil stove explosion		1,000
30	8.08	501 Clark street	No loss				Defective chimney		
30	1.05 p m	R. 98 Market street	3 story brick	P'lmr, Wh'lr & Fl'r	Chas. Emmerich	Feather warch'se	Carelessness	10	36,500
Total 86 Fires, 12 False alarms and 16 False Still Alarms; Loss on Buildings $15,170; Loss on Contents $52,715								$ 67,885	$ 622,100

JULY.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance
1	12.25 a m	Morgan & Superior st	2 story brick	M. Shultz	M. Shultz	Sewing Mach. fac	Carelessness		$ 4,500
1	8.30	Hinman and Laflin st	1 " frame	Oliver & Co.	Oliver & Co.	Shaving house	Sparks from chimney		
1	8.00 p m	99 Warren avenue	2 " brick	Mrs. Garrett	Mrs. Fick	Dwelling	Curtain too near gas jet	10	4,500
2	7.00	1 Bryant place	2 " "	T. R. Bryant	T. R. Bryant	Dwelling	Spontaneous combusti'n		7,400
2	6.58	54 Waldo place	4 " "	J. Beidler	C. W. Anderson	Sign factory	Spontaneous combusti'n	125	5,700
2	3.37 a m	148 Fourth avenue	3 " frame	McRobinson	Hattie French	Prostitution	Unknown	390	6,500
3	9.12 p m	1318 State street	3 " "	No loss			Fireworks		
3	0.30 a m	22 and 24 Jefferson st	4 " brick	W. H. Sweet	Cudell & Meissner	Cabinet factory	Carelessness		7,000
3	6.25 p m	24 & 26 N. Clinton st	4 " "	Mrs. Hill	N. B Bassett & Co	Picture frame fac	Defective furnace	50	15,000
3	0.54	32 to 38 W. Randolph st	4 " "	Freerer & others	Newman Bros	Hotel	Defective flue		36,000
3	9.11	208 W. Lake street	2 " "	Ch. Theo. Sem'nry	David Evans	Notion store	Lamp falling		1,000
3	6.08	C. B. & Q. R. Road	Car	C. B. & Q. R.R. Co	C. B. & Q. R.R. Co	Freight car	Sparks from locomotive	10	
3	9.45 a m	283 to 287 Canal street	2 story frame	A. J. Ward	Morrison & Co	Chemical works	Ignition	48	9,000
3	1.55 p m	R 96 VanBuren street	1 " "	W. Morrison	W. Morrison	Oil House	Kettle boiling over		
4	9.55	125 & 127 Halsted st	2 " "	M. Hartley	L. E. Hartman	Barber shop & D.	Lamp explosion	100	1,200
4	9.09	2803 State street	2 " "	Dr. Elridge	T. Bowlin	Toy store & Dwel	Fire works	50	2,500
4	4.12	255 Cologne street	1 " "	Heidel	Heidel	Woodshed	Accidental		
4	8.25	8 Park row	3 " stone	F. L. Stephens	Mrs. A. Stewart	Boarding house	Fire works	275	7,000
4	9.30	293 Clark street	2 " brick	Patrick McMahon	Patrick McMahon	Saloon & Dwell	Fire works	15	3,000
4	7.27 a m	14 Carl street	No loss				Defective stove		
5	1.38 p m	65 Burling street	2 story frame	M. Burke	M. Burke	Dwelling	Defective chimney	85	
5	11.26	82 to 88 Market street	5 " brick	E. L. & I. Co.	Cawdy & Barston	Printing & Mach.	Spontaneous combusti'n	1,200	67,200
6	3.14 a m	297 North avenue	2 " frame	M. Brand	T. Newstead	Stable	Incendiary	250	500
6	4.26	612 N. Franklin street	2 " "	M. Heidrick	M. Heidrick	Stable	Incendiary	350	
6	9.39 p m	2324 Michigan avenue	No loss				Unknown		
7	3.21	103 Madison street	No loss				Chimney fire		
7	3.52 a m	231 W. Kinzie street	2 story frame	Pat. Mead	Mrs. Sarsen	Dwelling	Upsetting oil lamp	400	700
7	11.30	1023 W. Madison st	3 " "	William Lewis	N. D. Swanson	Store & Dwell	Carelessness		2,800
7	8.26	387 Morgan street	2 " B. & F.	J. Bernatz	J. Bernatz	Cigar factory	Carelessness		2,20
8	12.50	320 & 322 Clark street	No loss				Sparks from chimney		
8	1.18	56 & 58 Desplaines st	5 story brick	Downey & McG'th	Thos. Grenier	Theatre	Supposed incendiary	150	25,000
8	5.25	488 LaSalle avenue	2 " frame	M. McNeal	M. McNeal	Stables	Incendiary	350	1,500
8	1.51 p m	False alarm							
9	10.20	253 N. Wells street	2 " frame	T. Scully	T. Scully	Wagon shop	Defective chimney	10	2,500
9	5.59	Adams st & 5th avenue	No loss				Ignition		
10	10.40	663 W. Monroe street	2 story frame	G. W. Baker	W. S. Bagley	Dwelling	Lamp explosion		
10	1.03 a m	False still alarm							

11	11.35 a m	3156 Calumet avenue	2	story	brick	Max Wolff	G. E. Preston	Dwelling	Defective chimney		3,000
11	12.55	360 Polk street	2	"	"	G. Lewis	G. Lewis	Coffee and spice	Sp'ks from coffee roast'r		3,000
11	8.55 p m	False still alarm									
12	1.35	False still alarm									
12	8.55 a m	393 Grass parkway	1	"	"	H. C. Barlow	H. C. Barlow	Dwelling	Carelessness	10	1,100
12	10.10 p m	R. 87 N. Elizabeth st	1	"	frame	William Fitley	William Ayers	Woodshed	Ignition	20	
12	1.20 a m	False still alarm									
12	1.10	R. 144 Bushnell street	3	"	"	J. Dean	J. Dean	Stable	Unknown	60	200
12	1.03 p m	2835 Shields avenue	2	"	"	J. H. Hooker	Mr. Walsh & oth	Dwelling	Lamp explosion		
13	05	364 Blue Island avenue	3	"	brick	J. O. Cannell	Fie Lung & others	Laundry & Saloon	Lamp explosion	75	6,500
13	1..05 a m	134 Desplaines street	2	"	b'r & f'r	E. Dunn	E. Finley & others	Dwelling	Sparks from chimney		1,000
13	3.33 p m	249 & 251 Blue Island av	2	"	"	J. Meehan	Doo Shing & oth	Laundry & Dwel	Cigar stub		5,500
13	10.48 a m	132 N. Halsted street	2	"	frame	No loss			Sparks from chimney		
13	10.25 p m	False still alarm									
14	7.02 a m	155 to 161 Wabash av	6	"	brick	W'dcock & Loring	Same	Hotel	Defective furnace	85	200,000
14	10.30 p m	188 Holt avenue	2	"	frame	M. Hallis	Mrs. Jamoski	Dwelling	Lamp explosion		
14	1.47 a m	False still alarm									
14	7.00 p m	129 Chestnut street	2	"	"	T. Rowman	T. Rowman	Dwelling	Sparks from chimney	100	2,700
14	1.40 a m	False still alarm									
14	10.55 p m	292 Blue Island avenue	3	"	brick	M. Fleming	F. Campbell	Hardware	Chimney fire		3,500
15	8.18	Chimney burning out	No loss						Chimney fire		
15	1.30 a m	R. 428 W. Indiana st	1½	"	frame	J. Reighner	F. Raphill	Barn	Unknown	260	
15	1.20	R. 426 W. Indiana st	1	"	brick	J. Sheehan	J. Kern	Dwelling	Unknown	50	
15	0.29 p m	161 Carpenter street	2	"	frame	S. M. Moran	J. Meyer	Dwelling	Defective flue	50	1,500
15	4.25	False alarm									
16	11.17 a m	380 W. Madison street	4	"	brick	Mrs. T. Brenaur	J. Taylor & others	Dry goods	Oil stove overflowing		13,000
16	5.05 p m	R. 30 Superior street	1	"	frame	N. Nulin	Mrs. Polisbiski	Dwelling	Carelessness		100
16	7.21	False still alarm									
16	9.43 a m	387 Division street	1	"	"	J. McHugh	M. Bauler	Dwelling	Children with matches		500
16	6.20	118 & 120 Jefferson st	2	"	b'r & f'r	J. A. Hoisington	J. Brady & others	Laundry & Dwell	Overheated dry room	1,000	2,000
16	4 40 p m	False alarm									
16	8.03 a m	525 Elston avenue	1	"	frame	O. Warnecke	O. Warnecke	Smoke house	Overheating	40	
16	7.45 p m	False still alarm									
16	10.46 a m	2343-5 S. Park avenue	5	"	brick	Bemis & McAvoy	Bemis & McAvoy	Brewery	Friction		100,000
16	10.52	Second alarm									
17	8.53	38 & 40 River street	4	"	"	Norton Bros.	Norton Bros.		Ignition		
17	11.29 p m	Cor. 5th av. & S. Water	No loss						Carelessness		
17	5.30	86 Fisk street	1	story	frame	M. Huck	M. Huck	Dwelling	Overheated stove	60	
17	8.02 a m	350 to 360 Loomis street	3	"	brick	R. L. Martin	Unoccupied	Dwelling	Plumber's carelessness		15,000
18	6.50 p m	2525 Archer avenue	2	"	frame	Unknown	Unoccupied	Dwelling	Carelessness		
18	5.05	243-49 Wells street	4	"	brick	J. McEwing	J. McEwing	Planing mill	Overheated dry kiln	215	25,000
18	5.09	Second alarm									
18	1.10	224 & 230 W. Ohio	4	"	b'r & f'r	Baurlea & Stark	Baurlea & Stark	Furniture factory	Carelessness		21,780
19	11.58 a m	144 Ontario street	2	"	brick	J. Brown	J. Brown	Dwelling	Defective chimney	50	
19	2.57 p m	74 Indiana street	2	"	frame	J. Osborne	J. Osborne	Dwelling	Defective chimney	350	3,600
19	1.25 a m	False still alarm									

JULY.—Continued.

Day.	Time of Day.	Street and number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
19	7.46 p m	285 Indiana street	2 story frame	Wm. McLaughlin	E. McLean	Dwelling	Defective flue	$ 20	400
19	6.52	125 E. Harrison street	1 " "	H. Wilkinson	H. Wilkinson	Tailor shop	Defective chimney	5	600
20	2.18	556 to 562 W. Madison st.	5 " brick	Wash'tonian Home	Same and others	Grocery &c.	Accidental	60	50,000
20	12.10 a m	Hawthorne & Wabansia	1 " frame	Morrison Bros.	Morrison Bros.	Brick yard	Overheated kiln		
20	7.48 p m	19 and 21 Lake street	No loss				Spontaneous combusti'n		
20	10.00	375 Polk street	1 story br & fr	F. Clark	F. Burns	Dwelling	Incendiary		200
21	5.20	278 State street	5 " brick	James Otis	James Finncane	Hotel and store	Upsetting lamp	120	13,500
21	5.05	R. 749 Allport street	1 " frame	F. Childs	F. Childs	Wood shed	Children with matches		25
21	9.22 a m	R. 779 W. Lake street	1 " "	H. M. Sherwood	Geo. Seadley	Carpenter shop	Unknown	225	
21	9.22	R. 781 W. Lake street	1½ " "	H. M. Sherwood	Geo. Seadley	Carpenter shop	Unknown	300	300
21	9.22	781 W. Lake street	2 " "	H. M. Sherwood	J. B. Coulter & oth.	Dwelling	Unknown	600	1,600
21	9.22	R. 17 Robey street	2 " "	S. P. Rounds	S. P. Rounds	Barn	Unknown		2,300
21	4.45 p m	394 W. Jackson street	No loss				Ignition		
22	7.36	2504 S. Park avenue	2 story frame	Mrs. K. Ernst	Mrs. Ernst	Dwelling	Children with matches	25	3,000
22	7.36	R. 2506 S. Park avenue	2 " "	Mrs. K. Ernst	Mrs. Ernst	Stable	Children with matches	25	
22	7.36	2508 S. Park avenue	3 " brick	Mrs. K. Ernst	J. Dawson	Dwelling	Children with matches	25	2,000
22	10.00 a m	R. 68 Tilden avenue	1 " frame	John Watts	John Watts	Wood shed	Unknown	15	
22	1.47	Cor. Canal and 18th st.	Sidewalk	City	City	Sidewalk	Unknown		
22	12.20	156 5th avenue	5 story frame	Jessie Halliday	B. H. Hesler	Stores & Dwell.	Carelessness	2	14,500
22	11.19 p m	False alarm							
23	3.19 a m	47 Hasting street	2 " brick	J. Smith	J. Smith & others	Bakery & Dwell.	Grease boiling over	250	
23	6.20	North Pier	Lumber pile	E. E. Ayer	E. E. Ayer	Lumber yard	Lightning		20,000
24	2.35 p m	166 W. Washington st	2 story frame	J. J. Badenoch	G. H. Weathersp'n	Dwelling	Unknown		1,500
24	4.40 a m	Central Park av. & 19th st.	2 " brick	J. R. Heller	J. R. Heller	Dwelling	Lightning	2,000	
24	8.20 p m	Chicago av. & Roberts st.	No loss				Defective lamp		
24	4.34 a m	119 Kruger street	2 story frame	J. Gold	T. Reedy	Dwelling	Lightning	225	1,200
24	7.50	Lincoln & Lumber street	1 " "	S. K. Martin	S. K. Martin	Planing mill	Lamp explosion		4,000
25	4.40 p m	265 Milwaukee av	2 " "	Mr. Dugan	H. Thompson	Saloon & Dwell.	Oil stove explosion		1,500
25	0.20	224 Washington B'd	3 " b. & s.	N. Norton	Mrs. Graham & oth	Dwelling	Oil stove explosion		2,000
25	9 00	260 Walnut street	1½ " frame	N. Robinson	N. Robinson	Dwelling	Defective chimney		1,200
25	9.17	False alarm							
26	3.18 a m	2262 Dearborn street	2 " "	J. Wilder	J. Dargaw & others	Dwelling	Supposed incendiary	25	1,500
27	7.12 p m	50 and 52 Madison street	No loss				Chimney fire		
28	9.18 a m	122 Larrabee street	1 story brick	Grace & Kinney	Grace & Kinney	Varnish works	Varnish boiling over	50	
28	9.42 p m	R. 70 to 80 Honore street	2 " frame	Pepper & others	Pepper & others	Barns	Accidental	1,100	
28	9.42	R. 195 S. Wood street	2 " brick	W. C. Freeman	W. C. Freeman	Barns	Accidental	100	2,000
28	9.42	R. 197 S. Wood street	2 " frame	J. Smith	J. Smith	Carpenter shop	Accidental	50	200

28	1.14 p m	Near N. side rolling mill.	1 story frame	No loss				Unknown		
28	9.22 a m	Chimney burning out	No loss					Chimney fire		
29	10.28	437 N. Clark street	3 story brick	E. B. Schleck.	E. B. Schleck	Hardware		Lamp explosion		9,000
29	11.40	Chimney burning out	No loss					Chimney fire		
29	1.50	Out side city limits.								
30	5.25	R. 68 South Canal street.	No loss					Sparks from locomotive		
30	0.05	47 and 49 S. Desplaines st	3 story brick	W. Alexander.	Louis Kern	Restaurant		Unknown	35	10,000
30	4.58 p m	245 to 251 Monroe street	No loss					Chimney fire		
30	12.20 a m	120 and 122 Madison st.	2 story frame	H. Holmer	J. March & others.	Store & Dwell.		Range too near floor		2,800
Total 105 Fires; 6 False Alarms and 10 False Still Alarms; Loss on Buildings $6,420; Loss on Contents							$4,940		$ 11,360	$ 768,305

AUGUST.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
1	8.18 p m	82 to 88 S. Water street	4 story brick	L. C. P. Freer	W. F. McLaughlin	Coffee and tea	Sparks from roaster	$ 3,275	$ 97,500
1	11.20	R. 393 Austin avenue	2 " frame	Mrs. Casey	Louis Brown	Dwelling	Unknown	70	600
1	2.10	63 Crosby street	2 " "	M. McCormick	Mr. Leopold	Dwelling	Carelessness		
2	10.15	996 W. Madison street	3 " brick	Geo. Heller & oth	Same	Dry goods	Unknown	25	5,000
2	7.50	2119 Archer avenue	3 " "	S. Kuble	M. A. Benson	Clothes & dwell	Goods too near gas jet		12,000
2	11.04 a m	R. 3545 Halsted street	2 " frame	M. Hogan	M. Staunton	Stable	Unknown	50	
2	4.09	229 and 231 Kinzie street	2 " brick	C. D. Wells	Republic Mill Co	Feed mill	Woodwork near boiler	6,500	9,500
2	4.11	Second alarm							
2	12.45 p m	509 Jefferson street	1 " "	Mrs. Conn	Mrs. Conn & oth	Dwelling	Sparks from chimney		400
3	3.30 a m	359 Jefferson street	1 " frame	M. Jennings	D. McAuley	Dwelling	Supposed incendiary	25	
3	4.10	531 Noble street	2 " "	Winnie Henska	Henska & others	Dwelling	Hot ashes	10	1,500
3	6.10 p m	2010 Archer avenue	3 " brick	M. Brand	Wm. Jer Johns	Barber shop & dw	Sparks from locomotive		6,000
3	8.10	67 Tilden avenue	1 " frame	H. Goddard	H. Goddard	Dwelling	Children with matches		
3	8.50	15 Ohio street	1 " "	Clark & Raffin	Clark & Raffin	Storage	Spontaneous combusti'n		
4	12.07	False alarm							
4	3.38	61 Market street	2 " brick	D. L. Crilly	A. Heller	Store	Sparks from smoke st'k		
4	4.53	2700 Dashiel street	2 " frame	John Walsh	John Walsh	Dwelling	Overheated stove		
5	2.37 a m	Outside city limits	Town of Lake						
5	10.55 p m	Chimney burning out	No loss				Chimney fire		
6	7.47 a m	648 W. Madison street	1 story frame	Mrs. Winters	S. S. Parnell	Dwelling	Sparks from chimney		1,700
6	6.43 p m	86 W. Lake street	1 " "	Jacob Birk	A. Werner	Tin plating	Overheated furnace		200
6	1.48	R. 131 Hudson avenue	No loss				Explosion, gasoline		
6	5.50	157 Kinzie street	3 story brick	H. Nickerson	Bentley & Co	Cordage	Defective chimney	35	22,500
7	1.48 a m	R. 192 Forquar street	2 " frame	J. Brenick	Unoccupied	Barn	Supposed incendiary	50	
7	9.12 p m	Outside city limits	Town of Lake						
7	7.44	100 Franklin street	No loss				Chimney fire		
7	6.03	79 and 81 N. Green street	2 story frame	C. M. Cass	C. M. Cass	Tin sign factory	Overheated furnace		1,000
7	9.26	Outside city limits	Town of Lake						
8	4.30 a m	False still alarm							
8	2.10 p m	725 S. Halsted street	2 story frame	Mr. Kline	S. Abren	Store & dwelling	Unknown	500	4,000
8	6.32 a m	12 State street	No loss				Unknown		
8	1.15	358 5th avenue	1 story frame	Taite & Rastove	Taite & Rastove	Office	Unknown	2	
8	9.00 p m	180 N. Green street	1 " "	Amos Churchill	Unoccupied	Dwelling	Incendiary		
9	1.00 a m	Erie and Carpenter street	4 " "	F. Herold	F. Herold	Chair factory	Unknown		9,000
9	6.35 a m	False still alarm							
9	6.43	False still alarm							
9	6.20	False still alarm							

9	10.58	R. 707 W. Superior street	2	"	"	D. Shofield	D. Shofield	Carp'r shop & dw	Supposed incendiary	1,100	
9	10 58	707 W. Superior street	2	"	brick	D. Shofield	D. Shofield	Dwelling	Supposed incendiary	50	2,000
9	11.10	59 S. Canal street	4	"	"	A. S. Sherman	J. Cooper	Hardw'r material	Defective oven		32,400
10	1.25	100 N. Clark street	4	"	"	Rockwood Bros.	Rockwood Bros.	Dwelling & gro.	Spontaneous combusti'n		11,500
10	7.55	29 Twomey street	1	"	frame	O. Linquish	O. Linquist	Dwelling	Carelessness		600
10	10.58	103 W. Madison street	2	"	"	Boland & McInery	A. F. Musselman	Restaurant	Unknown	150	1,300
10	11.55 a m	Oil burning on street	No loss						Carelessness		
10	1.20	Oil burning on street	No loss						Carelessness		
11	4.48 p m	180 31st street	2	story	frame	J. Roberts	F. J. Puppal	Dwelling	Sparks from chimney		6,000
11	6.50	False alarm									
11	9.40	False still alarm									
12	1.40 a m	156 to 160 Desplaines st.	3	"	brick	S. Felsenthal	Felsenthal & oth.	Groceries & dw.	Supposed incendiary	75	8,300
12	6.15	55 to 57 S. Canal street	4	"	"	Grocker & Freeman	Schram Bros	Frame manuf'ry.	Spontaneous combusti'n	45	19,000
12	11.50 p m	False alarm									
13	9.40	126 Michigan avenue	1	"	frame	Carl Young	Carl Young	Blacksmith shop.	Sparks from forge	5	
13	2.30	92 N. Ada street	2	"	"	Geo. Chapman	C. Lovegreen	Boarding house	Overheated range	15	1,500
13	3.45	Desplainest st. viaduct	No loss						Sparks from locomotive		
13	1.57	879 W. 19th street	1	story	frame	J. Hode	J. Hode	Dwelling & shed.	Sparks from chimney		
13	4 45	Loomis and Hinman st.	2	"	brick	Maxwell Bros.	Maxwell Bros	Planing mill	Sparks from chimney		19,500
13	11 00	False alarm									
14	7.29	527 State street	3	"	"	No loss			Ignition		
14	9.00 a m	18 N. Sheldon street	2½	"	frame	A. M. Billings	Peterson & others	Dwelling	Rags as chimney stop'r	50	500
14	10.25	Van Buren & Roby street	Tar Tank			Jenks & Thatcher		Boiling tar	Defective pipe	200	
14	5.50 p m	R. 273 W. Madison street	1	story	frame	Mrs. Lederer	Mrs. Lederer	Coal shed	Unknown		
14	1.26 a m	False still alarm									
14	10.00 p m	False still alarm									
15	2.55 a m	31 and 33 S. Canal street	4	"	brick	J. Ryan	Wm. Gonochon	Machine factory.	Defective furnace	20	
15	8.08 p m	R. 330 W. Indiana street	1½	"	frame	Bell Bros.	C. S. Shipman	Storage	Carelessness	375	
15	8.08	R. 332 W. Indiana street	1	"	"	W. Morteson	W. Morteson	Barn	Carelessness	40	
15	8.50	False alarm									
15	5.25	Chimney burning out	No loss						Chimney fire		
15	3.50	R. 96 Van Buren street	1	story	frame	E. W. Morrison	E. W. Morrison	Varnish factory.	Varnish boiling over	20	
16	1.45	55 13th Place	2	"	"	J. O. Brien	J. O. Brien	Livery stable	Overheated woodwork		1,000
16	4.35	289 Blue Island avenue	2	"	"	Mrs. Mahlke	M. Berger	Saloon & dwell.	Children with matches	75	2,200
16	2.13	151 & 153 W. Wast'n st.	3	"	brick	Waixel & Wells	S. J. Russell	Paint manuf'ry.	Explosion of oil tank	6,000	15,000
16	2.19	Second alarm									
16	6.00	647 W. Indiana street	2	"	frame	No loss			Unknown		
16	9.30	False still alarm									
16	8.27	2909 Vernon avenue	2	"	"	Mr. Spor	C. Seigle	Dwelling	Lamp explosion		
16	5.41	Huron and Ayers Ct.	2	"	"	P. L. Larren		Dwelling	Carelessness	15	
16	2.55 a m	False alarm									
16	7.48 p m	30 and 32 Market street	5	"	brick	H. Diston & Son	H. Diston & Son	Mach'es & print'g	Sparks on roof	10	112.000
17	12.25	99 13th Place	1	"	frame	Mrs. Delaney	Mrs. Delaney	Dwelling	Defective flue	50	1,100
17	10.02	False alarm									
17	9.30 a m	False alarm									
17	8.19 p m	28 Hawthorne avenue	1	"	"	Patrick Sherry	Patrick Sherry	Dwelling	Child'n set'g curti'g fire		

AUGUST—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
18	5.15 a m	Shavings burning on st.	No loss	No loss			Unknown		
18	11.15	314 Hubbard street	2 story frame	Smith estate	A. Peterson	Dwelling	Sparks from chimney		
18	3.05 p m	False still alarm							
18	3.05	False still alarm							
18	12.23	222 22nd street	3 " brick	H. Gunsenhausen.	J. Berg & Bro.	Step ladder mfy.	Overheated chimney	800	
18	12.40	37 Ray avenue	No loss				Chimney fire		
18	9.24 a m	R. 179 Madison street	1 story brick	Chi. Daily News Co	Unoccupied	Open Bo'rd Trade	Defective construction.	200	
18	10.20	81 School street	2 " frame	S. M. Hendershot.	P. Ryman	Dwelling	Children with matches.		
18	9.46 p m	False alarm							
18	10.10	False alarm							
19	12.02 a m	148 Madison street	2 " "	T. Shanley	K. Lee & others	Saloon & dwell.	Supposed incendiary	30	1,400
19	12.18 p m	R. 238 Clinton street	No loss				Tar kettle boiling over.		
19	9.35	False alarm							
19	4.07 a m	774 W. Van Buren street	2 story frame	F. Carsen	H. C. Roberts	Grocery etc.	Supposed incendiary	200	1,100
19	5.14 p m	82 and 84 Fulton street	4 " brick	J. K. Russell	Russell & others	Planing mill	Unknown		
19	10.45	False alarm							
19	11.00	348 W. Madison Street	2 " frame	Mr. Gerig	Monteath & others.	Laundry	Carelessness		600
19	11.07 a m	3545 Halsted street	2 " "	M. Hogan	M. Staunton	Stables	Unknown	50	
20	6.27	False alarm							
20	8.01 p m	34 & 36 Washington st.	No loss				Chimney fire		
20	3.23 a m	2507 Cottage Grove ave.	2 story frame	Mrs. K. Ernst	M. Bush	Dwelling	Unknown	150	3,000
20	6.38 p m	2115 Calumet avenue	No loss				Unknown		
20	6.27 a m	False alarm							
20	10.45 p m	False alarm							
20	10.03	Outside city limits	T'n of Jeff'son						
20	7.38	218 and 220 N. Union st.	2 story brick	King & Andrews.	King & Andrews.	Foundry	Overheating of cupola.		7,500
20	8.17 a m	Cor. Laflin and 22nd st.	1 " "	Oliver & Co.	Oliver & Co.	Planing mill	Sparks from furnace		20,000
20	4.55	Paulina and Lumber st.	1 " "	Wells & French.	Wells & French.	Car works	Sparks from chimney	120	
21	2.45 p m	False still alarm							
21	11.38	False still alarm							
21	3.34 a m	False alarm							
22	9.58	3604 Lowe avenue	2 " frame	Wm. McAuliff	W. McAuliff	Dwelling	Defective flue		2,300
22	3.27 p m	243 W. 16th street	2 " "	Wilson	Honkieg	Dwelling	Children with matches.		
23	3.01 a m	R. 260 Walnut street	1½ " "	J. Welter	E. O. Mann	Stables	Unknown	500	
23	8.14 p m	162 Washington street	5 " stone	G. W. Smith	Church Pub. Co.	Printing	Supposed incendiary	30	57,500
23	11.35 a m	Loomis and 21st street	2 " brick	Rossow & Co.	Rossow & Co.	Planing mill	Sparks from chimney		28,000
23	11.50 p m	False alarm							

23	10.15 a m	R. 314 Austin avenue	2 story frame	Smith estate	James Clark	Cooper shop	Children with matches			
23	8.45 p m	R. 266 S. Paulina street	1½ " "	C. H. Atkins	W. D. Wilson	Barn	Unknown		80	
23	8.45	R. 268 S. Paulina street	2 " "	Mr. Willidson	Mr. Willidson	Barn	Unknown		130	
23	10.00	Chimney burning out	No loss				Chimney fire			
24	4.20	128 to 132 Wabash ave	4 story stone	Herrick estate	Mrs. Hennessey	Hotel	Children with matches		8	32,000
24	1.53 a m	1000 Hinman street	2 " frame	E. Bush	E. Bush	Dwelling	Unknown		100	1,500
24	11.20 p m	River foot Market street	Tug boat	J. Walsh	J. Walsh	Tug boat	Overheated boiler		200	1,200
25	9.20	209 3rd avenue	3 story brick	Loveland Bros	Mrs. Smith	Dwelling	Accidental		15	4,000
25	6.09 a m	Clark and Adams street	4 " "	Marshall Field	Mrs. Parks & oth	Stores & fur. d r'm	Explosion, gas'ne stove		10	50,000
25	5.05 p m	370 15th street	1 " b & f	M. Colwell	M. Colwell	Dwelling	Sparks from foundry		150	450
26	1.07	Meagher & Canal street	No loss				Defective gas lamp			
26	12.35 a m	Cor. Ulman & 35th street	1 story brick	H. Weeks	H. Weeks	Engine room	Explosion		50	
26	3.15	34 & 36 Washington st	No loss				Chimney fire			
26	11.45 p m	False still alarm								
26	9.42 a m	209 State street	3 story brick	H. Lensing	H. Lensing	Dwelling	Accidental		450	4,500
27	9.58	304 North avenue	2 " frame	W. Krotskinell	Conpal & Co	Bakery	Overheated oven			4,750
27	8.10 p m	Clark and Madison street	No loss				Unknown			
28	3.04 a m	333 Sedgwick street	2 story frame	G. Culling	C. Mayer	Dw. & butch'r s'h	Carelessness		350	8,500
28	10.05 p m	Ogden's canal & Div. st	1 " "	Singer & Talcott	Singer & Talcott	Shed	Unknown		60	
30	9.53	670 W. Erie street	2 " "	M. Kenedy	M. Kenedy	Grocery & dwell	Accidental			
30	7.43	16th street viaduct	No loss				Leaky gas lamp			
30	3.32 a m	66 Chicago avenue	3 story brick	G. Schneider	Wilson & Bracket	Dw. & butch'r s'h	Carelessness		650	6,100
31	3.22	False still alarm								
31	5.35	R. 107 Adams street	2 " frame	M. Surplur	P. Leino	Barn	Unknown			
Total 105 Fires; 18 False Alarms and 14 False Still Alarms; Loss on Buildings $6,212; Loss on Contents								$16,958	$ 23,170	$ 639,600

SEPTEMBER.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
1	7.02 a m	379 Fifth avenue	3 story brick	No loss			Carelessness		
1	1.07 p m	230 Lake street	3 " "	J. S. & C. H. Briggs	Rosenfeld & Grenier	Leather store	Spontaneous Combust'n	$125	$45,000
1	11.20	R. 393 Austin avenue	2 " frame	Mrs. Casey	Louis Brown & oth.	Dwelling	Unknown	70	600
2	3.08	False still alarm.							
2	6.28	3148 Wabash avenue	2 " brick	D. Rosenheimer	D. W. Linden	Dwelling	Unknown	50	10,000
2	3.45	77 Jay street	1 " frame	Grant	Grant	Shed	Explos'n gasoline stove	200	
2	7.02	R. 887 W. 19th street	2 " brick	F. Hahkey	A. Skevor	Store & Dwelling.	Sparks from chimney	60	1,400
2	4.55 a m	False still alarm.							
3	6.43 p m	885 W. Monroe street	2 " frame	Mrs. Beiling	J. Post	Dwelling	Accidental		800
3	1.05 a m	917 S. Halsted street	2 " "	J. Cook	J. Fitzgerald	Store & Dwelling.	Unknown	25	3,500
3	12.10 p m	842 N. Halsted street	2 " "	Geo. Sanch	Geo. Sanch.	Dwelling	Sparks from chimney		750
3	3.11	537 Wabash avenue	1 " "	Mr. Willard	Mrs. Whiting	Storage	Children with matches	40	
4	6.33	1026 W. Madison street	1 " brick	J. H. Franen	J. H. Franzen	Dwelling	Upsetting lamp		500
4	1.25 a m	819 Clark street	3 " "	Mrs. Griffin	A. Beh	Laundry	Defective stove pipe	300	6,700
4	12.32 p m	333 N. May street	2 " frame	Geo. Mott	John Hartigan	Dwelling	Sparks from chimney		600
5	7.10	False alarm.							
5	2.52	False alarm.							
5	5.44	211 N. Green street	2 " "	Mrs. Nelson	J. Thompson	Dwelling	Explos'n gasoline stove	10	
6	7.43 a m	R. Revere House	No loss				Tar boiling over		
6	5.36 p m	174 & 176 S. Water street	3 story brick	Peck estate	Sumer, M'rison & Co.	Commiss'n Store	Carelessness	1,230	13,300
6	1.55	False alarm.							
6	3 32	R. 204 Mather street	2 " frame	J. Cahill	P. Foley & others	Dwelling	Sparks from chimney		750
6	11.32	202 & 204 Madison street	4 " brick	S. Wright	F. Jennings & oth'rs	Tailor shop & dw.	Cigar stub	115	26,500
7	0.23 a m	False still alarm.							
7	9.15 p m	False alarm.							
8	6.08	Allport & 22d streets	2 " brick	R. Goodwillie	R. Goodwillie	Planing Mill	Sparks from chimney		10,000
8	7.45	R. 1013 W. Lake street	1 " frame	G. Miller	H. Miller	Shed	Children with matches		
8	7.19	46 & 48 S. Clark street	4 " stone	No loss			Defective flue		
9	3.48	317 & 319 State street	3 " "	A. W. Wheeler	Mrs. Luerson	Store & dwelling	Lighted Cigar	175	6,500
9	5.10	477 N. Clark street	1 " frame	J. Meir	J. Meir	Stable	Children with matches	250	
9	6.12	Ashland ave. & Lake st.	No loss				Careless use of pipe		
10	7.17	374 W. Jackson street	2 story brick	U. B. Chandler	C. A. Bloom	Dwelling	Accidental		2,500
11	10.54 a m	183 Jefferson street	2 " frame	Dr. Pond	Mrs. Tagney & oth'rs	Dwelling	Sparks from chimney		500
11	4.15 p m	162 Maxwell street	2 " brick	M. Stinefresky	Same	Bath house & dw.	Overheated boiler		
11	4.04	Rubbish burning in lot	No loss				Ignition		
11	11.07 a m	Dexter & Ashland aves.	2 story frame	P. Donnelly	P. Donnelly	Dwelling	Defective chimney	50	
11	9.16 p m	170 S. Water street	2 " brick	J. W. Wadsworth	T. A. Flansheim	Commission	Unknown	100	3,000

11	8.45 p m	2324 Prairie avenue	2	"	"	V. L. Hurlbut	Clinton & Locke	Dwelling	Carelessness		2,000
11	3.40	44 Emerson avenue	2	"	frame	C. J. Hull	P. Harrison	Dwelling	Supposed incendiary		
11	6.44	426 W. Van Buren street	4	"	brick	Mr. Hutchings	Mrs. J. Roberts	Dry goods store	From gas jet	150	18,000
11	5.30	False alarm.									
12	7.40	424 W. Lake street	2	"	frame	Geo. E. White & Co.	Same & others	Weather strip fac.	Unknown	3,250	34,000
12	11.30	46 & 48 W. 13th street	2	"	"	Becker & German	Same & others	Barns	Supposed incendiary	80	100
12	3.35	1506 State street	2	"	"	A. S. Trude	Mrs. Sherlin	Dwelling	Sparks from chimney		1,000
13	1.35	756 S. Halsted street	Sidewalk			City	City	Sidewalk	Carelessness		
13	3 08	R. 406 & 408 Harrison st.	3	story	brick	H. Stompe	E. Cohn & others	Dwelling & barn	Children with matches	200	7,800
13	6.10	Green, bet. Fulton & Car-	No loss						Carelessness		
13	8.00	False stil alarm. [roll av.									
14	11.40	336 W. Madison street	3	story	frame	A. Gozolo	Henny Kates &oth's	Restaurant	Overheating range	75	5,500
14	11.45 a m	399 Paulina street	2	"	brick	J. Hanlon	J. Halon	Dwelling	Children with matches	10	3,500
14	11.46 p m	R. 353 & 255 Polk street	2	"	frame	M. Johnson	T. Hamill & others	Dw. & sheds	Supposed incendiary	25	1,500
14	1.30 p m	False still alarm.									
14	9.20 a m	Rubbish burning in lot	No loss						Ignition		
14	3.12 p m	False still alarm.									
15	2.15	101 Centre avenue	3	story	brick	A. Swan	T. Read	Dwelling	Children with matches	25	2,000
15	10.06	1013-15-17 W. Lake street	2	"	frame	G. Miller	H. T. Miller & oth's	Grocery & dw	Unknown	4,000	4,400
15	8.59	At 12th street bridge	Lumber			Morris Coal Co.	Morris Coal Co.	Coal dock	Sparks from tug-boat	40	
16	11.20	Outside city limits	Lake View								
16	11.33 a m	379 & 381 Harrison street	2	story	br & fr	W. M. Coy	W. Duffy & others	Bakery & dw	Children with matches	75	5,700
17	1.45 p m	186 Van Buren street	3	"	brick	Mr. Uphoff	Max Webber	Meat market & dw	Explosion of lamp	125	6,100
17	2.09	R. 1535 Clark street	No loss						Unknown		
17	1.03	False alarm.									
17	3.30	1600 State street	2	story	frame	J. Clarke	D. Armstrong	Store & dw	Sparks from chimney		1,000
17	11.52	2135 Archer avenue	3	"	brick	Burke Bros.	Burke & others	Market & dw	Overheated smokehouse		4,700
17	4.35	Paulina & Lumber streets.	Lumber pile			Mendsen & Co.	Mendsen & Co.	Lumber yard	Sparks from engine	100	25,000
17	3.35 a m	Cor. Auburn & 38th sts.	2	story	frame	M. Curtin	M. Curtin	Barn	Unknown	125	
17	5.50 p m	384 Sedgwick street	2	"	"	J. Shumacker	J. Shumacker	Dwelling	Children with matches		3,900
17	11.25 a m	847 W. Congress street	2	"	brick	A. Grahame	Unoccupied	Grocery	Explos'n plumber's pot.		2,000
17	2.40 p m	1082 W. Congress street	2	"	frame	J. Barclay	William Hardgrass	Dwelling	Sparks from chimney		
17	11.45	False still alarm.									
18	10.14 a m	71 Wright street	1	"	"	M. Byrne	Same & others	Dwelling	Sparks from chimney		
18	1.25	230 Fourth avenue	3	"	brick	C. & W. R. R. Co.	Mrs. Wiley	Dwelling	Carelessness	35	
18	12.08	231 5 Twentieth street	2	"	frame	P. Pfifer	Pfifer & others	Dwelling	Incendiary	150	1,700
19	9.55 p m	Outside city limits.	Town of Lake								
19	12.22 a m	112 & 114 Franklin street	4	story	brick	W. K. Morton	Davidson & Wolff	Jewelry & cloth'g	Hot ashes	4,175	57,500
19	5 04 p m	R. 1241 Wabash avenue	2	"	"	A. Regensberg	A. Regensberg	Barn & storage	Unknown	350	3,350
19	6.58	Cor. Laflin & 12th streets.	No loss						Defective lamp		
19	7.03	124 Ewing street	2	story	frame	R. Fitzgerald	Same and others	Dwelling	Oil stove explosion	60	600
19	9.43	392 & 394 Twelfth street	2	"	"	No loss			Chimney fire		
20	3.50 a m	R. 1259-1267 W. VanBuren	2	"	"	E. Hughes & others	E. Hughes & others	Barn, etc	Unknown	250	200
20	8.20 p m	Straw burning in street	No loss						Unknown		
20	5.36	McGregor & Butler sts.	2	story	frame	C. C. L. & C. Co.	C. C. L. & C. Co.	Stable	Carelessness	50	
20	7.27	2410 Wentworth avenue	2	"	brick	W. Shafenberg	W. Shafenberg	Grocery & dw	Gas explosion		

SEPTEMBER.—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
20	7.27 p m	2408 Wentworth avenue	1 story frame	H. Hafer	H. Hafer	Dwelling	Gas explosion		$7,000
20	4.53 a m	1241 Wabash avenue	No loss				Unknown		
20	1.15	False still alarm.							
21	1.46	151 N. Clark street	3 story brick	Mr. Morton	A. C. Sims & others	Notions & dw.	Carelessness		7,500
21	9 33	122 & 124 Third avenue	Sidewalk	No loss			Carelessness		
21	2.33 p m	196 Clark street	No loss				Defective stove		
21	2.23 a m	McGregor & Butler sts.	2 story frame	No loss			Rekindling		
22	3.05 p m	379 Wells street	2 " brick	W. Wisenbach	G. E. Skert	Tailor shop & dw.	Children with matches	$ 85	5,600
22	10.06 a m	R. 293 Blue Island ave.	1 " frame	M. Webber	M. Webber	Barn	Ignition		
24	8.41 p m	False still alarm.							
25	1.04	287 Clark street	4 " brick	No loss			Unknown		
25	3.33 a m	False still alarm.							
26	10.09	1312-14-16 State street	3 " frame	H. T. Steele	Harlinan & Conlon	Stores & dw.	Children with matches	800	9,950
26	8 30	2127 Dearborn street	No loss				Unknown		
27	12.37	71 & 73 Randolph street	4 story stone	No loss			Unknown		
27	10.10 p m	183 Jefferson street	2 " frame	Dr. Pond	Mrs. Sagney & oth's	Dwelling	Upsetting lamp		500
27	3.50	256 Lincoln avenue	2 " brick	F. Henrich	S. Richardson	Stable	Children with matches		
28	7.55	253 Indiana street	3 " "	A. R. Poole	N. Osborne	Dwelling	Upsetting lamp	10	5,500
28	7.05 a m	2908 Cottage Grove ave.	2 " frame	J. H. Clough	Mrs. Ebber	Grocery & dw.	Defective chimney		3,000
28	11.18 p m	345 to 349 Halsted street	2 " "	C. J. Hull	G.Rawleigh & oth's	Barns & rag shop	Supposed incendiary	400	1,300
28	6.05	20 W. Randolph street	2 " "	W. Sisson	N. Leberman	2d hand clothing	Carelessness		
28	10.45 a m	Outside city limits.							
29	10.49 p m	False alarm.							
29	11.23	False alarm.							
29	9.43	Cor. State & Kinzie sts.	No loss				Chimney fire		
29	6.35	False still alarm.							
30	3.45 a m	Elston road	1 story brick	C. Casselman	J. T. Matthews	Mattress factory	Unknown	300	
30	8.50 p m	False alarm.							
30	5.10	385 Twenty-sixth street	2 " frame	E. M. Hulse	E. M. Hulse	Store-house	Incendiary		
30	6.25	Lumber & Twelfth street.	No loss				Defective lamp		
30	3.46	False alarm.							

Total, 90 Fires; 10 False alarms, and 12 False Still Alarms; Loss on Buildings, $4,760; Loss on Contents, $12,985 $17,745 $363,750

OCTOBER.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
1	8.40 p m	False still alarm.							
1	12.43	1816 S. Clark street	2 story frame	No loss			Unknown		
1	2.23	3745 Wentworth avenue	1 " brick	H. Shirlan	H. Shirlan	Dwelling	Defective chimney		$800
1	3.36	False still alarm.							
1	4.09	2507 La Salle street	2 " "	Underwood & Co	Underwood & Co	Packing house	Overheated smoke-h'se.	$100	35,000
2	2.12	423 State street	No loss				Overheated stove		
2	1.57	148 E. Indiana street	3 story brick	J. Watson	Mrs. Leander	Dwelling	Children with matches		5,400
2	5.46 a m	False still alarm.							
2	12.10	257 & 259 Polk street	2 " s. & b.	Caraher & Johnson	Caraher & Johnson	Dwell. & barn	Supposed incendiary	150	4,500
2	5.20 p m	False still alarm.							
2	9.10	60 Kossuth street	2 " frame	Wm. H. Townsend.	Mr. Fitzpatrick	Dwelling	Curtain too near lamp		1,200
2	8.50	False still alarm.							
2	1.28	False alarm.							
3	4.43	R. 170 W. 17th street	2 " frame	P. Firman	P. Firman	Dwelling	Defective chimney	300	600
3	8.18 a m	45 S. Ashland avenue	3 " brick	E. Hildreth	Mrs. G. Howe	Boarding	Unknown	500	4,000
3	4.45 p m	R. 73 N. May street	Iron kettle	Eureka Co.	Eureka Co.	Boiling oil	Oil boiling over		
3	11.25	136 Harrison street	3 story brick	E. Tagney	E. Tagney & others	Laundry & dw.	Lamp explosion	15	
3	12.40	200 Clark street	No loss				Cigar stub on awning		
3	5.06	383 N. Clark street	3 story brick	Geo. Chambers	J. Kersten	Dwelling	Upsetting stove		
4	10.30	False still alarm.							
4	2.30	False still alarm.							
4	7.10	348 Clark street	No loss				Chimney fire		
5	10.20	Wentworth av. & 18th st.	3 story brick	W. I. R. R. Co	Unoccupied	Hospital	Incendiary		
5	11.29	88 N. Clark street	4 " "	Chas. Hoffman	Slaymaker & D'glas	Dw. & Hardware	Incendiary	700	26,000
6	1.02 a m	61 & 63 Washington st	4 " "	No loss			Lighting fire with oil		
6	1.21 p m	190 Sherman street	2 " frame	Mrs. M. Webber	Mrs. M. Webber	Dwelling	Chimney falli'g on roof.	3	1,000
6	9.50	221 Randolph street	4 " brick	E. Peacock	C. Drug & Chem.Co	Chemical works	Spontaneous combust'n.	2,600	43,000
6	2.30	R. 405 Austin avenue	2 " frame	Mrs. Denman	C. Olson	Dwelling	Defective chimney		
6	6.50 a m	37 & 39 Kinzie street	3 " "	T. Brown	Thos. Arnot	Restaurant & dw.	Overheating stove	450	4,000
6	7.01	61 E. Washington street	4 " stone	No loss			Light'g fire with oil rags		
6	4.10 p m	Straw burning under side	walk. No loss				Ignition		
7	9.37	3556 State street	3 story brick	D. H. Hammer	J.B.Goldstein &oth.	Grocery & dw.	Unknown		6,850
7	4.21	110 & 112 Madison street	4 " stone	J. Roeenberg	Jevne & Co.	Grocery store	Gas explosion	5	173,000
7	12.32 a m	76 Larrabee street	2 " brick	A. P. Shroger	A. P. Shroger	Wagon shop&dw.	Spontaneous combust'n.	800	9,000
8	10.00 p m	214 & 216 Washington st	4 " "	William Bross	Chic. Wagon Co.	Wagon factory	Overheated furnace	198	23,000
8	10.25 a m	624 Canal street	2 " frame	E. Watch	E. Watch & others.	Dw. & hay store	Defective chimney	75	
9	4.03 p m	165 Thirty-fifth street	2 " "	L. C. Wood	W. M. Madden	Dwelling	Carelessness		

OCTOBER—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
9	4.06 p m	25th & South Park ave.	1 story frame	I. C. R. R. Co.	I. C. R. R. Co.	Car shop	Malicious Mischief		
9	4.54	171 Twenty-second st.	No loss				Unknown		
9	2.04 a m	Outside city limits.							
9	6.00 p m	572 Warren avenue	2 story frame	H. B. Berger	J. R. Scofield	Dwelling	Overheated grate		$5,000
9	10.05	137 to 149 N. Hoyne st.	3 " brick	Seamen & Co.	Seamen & Co.	Cooperage	Unknown		18,000
10	6.30 a m	66 & 68 N. Halsted street	3 " "	David Oliver	David Oliver	Oat meal	Overheated dry kiln	$450	18,000
10	10.26	N.E.cr.Ashl'd &Ogd'n av	2 " stone	Third Presb. Soc'y.	Same	Church	Carelessness	35,000	91,200
10	10 32	Second alarm.							
10	8.30	R. 426 W. Randolph st.	No loss				Hot ashes		
10	6.15 p m	32 N. Jefferson street	2 story brick	Bradley Mfg. Co.	Bradley Mfg. Co.	Foundry	Sparks from chimney		9,000
10	5.57	1825 State street	2 " frame	Mrs. A. Mead	Mrs. M. Nettlebush	Cigars & dw	Incendiary		3,800
10	7.53 a m	False alarm.							
10	2.15 p m	272 Harrison street	2 " "	F. Gurra	Mrs. Batten	Dwelling	Sparks from chimney		
11	1.18 a m	76 & 78 Blue Island ave.	2 " "	P. Caraher	Adler Bros. & oth.	Groceries & dw	Supposed incendiary	125	500
11	6.30 p m	False still alarm.							
11	8.25	583 Canal street	2 " "	M. Bernstein	M. Bernstein	Store & dw	Defective flue		880
11	7.37	Outside city limits.							
11	11.27	River, ft. of Franklin st.	Tug boat	Huron & Everett	Huron & Everett	Tugging	Overheated box	200	1,000
11	6.15 a m	169 Winchester avenue	2 story frame	J. Armstrong	Mr. Sawrend	Dwelling	Lamp falling	25	2,000
11	2.40 p m	R. 51 Aberdeen street	2 " "	C. P. Thatcher	Dime Ex. Co.	Barn	Children with matches	500	1,000
11	2.40	51 Aberdeen street	2 " "	C. P. Thatcher	Dime Ex. Co.	Dwelling	" " "	50	700
11	2.40	R. 53 Aberdeen street	2 " "	S. Hentz	Dime Ex. Co.	Barn	" " "		200
11	2.40	R. 333 W. Adams street	2 " "	J. S. Thomas	J. S. Thomas	Barn	" " "	100	
11	2.40	R. 346 W. Monroe street	1 " "	Mr. Dean	S. Whitney	Barn	" " "	25	50
11	2.40	348 W. Monroe street	1 " "	A. T. Garrett	J. M. Glover	Barn	" " "	50	200
11	2.40	344 W. Monroe street	1 " "	Dr. Hathaway	Barn	Barn	" " "	15	
11	8.40	170 Winchester avenue	2 " "	W. Cameron	W. Cameron	Barn	Upsetting lantern	20	500
11	9.35	False still alarm.							
11	2.28 a m	Front st. & C. & N.W.R'y	1 " "	No loss			Unknown		
12	1.45	R 48 Dupuyster street	1 " "	N. Robbins	N. Robbins	Sheds	Supposed incendiary	10	
12	6.50 p m	St.Luke's hospital,Ind. av	4 " brick	No loss			Chimney fire		
12	11.00	False still alarm.							
12	4.19	136 N. Desplaines street	2 " frame	No loss			Smoking in bed		
13	4.33	72 Thirteenth street	No loss				Chimney fire		
13	12.02 a m	1825 State street	2 story frame	Mrs. A. Mead	Mrs. Nettlebush	Cigars & dw	Incendiary	250	3,800
13	7.50 p m	1637 State street	1 " "	Mr. Griffin	W. S. Nelson	Wood office	Overheated stove		
13	8.15	2726 Butterfield street	2 " "	A. L. Cass	J. Darsey	Dwelling	Chimney fire		1,000

13	5.08	False alarm.									
13	7.00	False still alarm.									
13	11.38	42 & 44 S. Halsted street	4	"	brick	L. Rosenfield	H. Flynn	Restaurant	Upsetting lamp	35	12,000
13	10.47 a m	False still alarm.									
13	5.10 p m	Polk & Desplaines streets	1	"	"	Newton & Cune	A. H. Andrews	Dry kiln	Sparks from stack	800	12,200
14	2.55 a m	Canal & 12th streets	3	"	fr & br	Frost Milling Co	Frost Milling Co	Planing mill	Cigar stub		20,000
14	7.14	159 Hastings street	2	"	brick	M. Penter	M. Penter & others.	Dwelling	Children with matches		1,400
14	6.15 p m	False alarm.									
14	1.07 a m	471 & 473 W. Madison st.	4	"	"	J. H. Kedzie	Dr. S. Surry & oth.	Stores & dw	Hot ashes in wood box.	300	3,000
15	6.00 p m	False still alarm.									
15	4.23	False still alarm.									
15	8.20 a m	160 State street	4	"	stone	No loss			Explosion of chemicals		
16	5.50 p m	398 Division street	2	"	brick	Sam Johnson	J. E. Hochbaum	Dw. & dry goods.	Carelessness	300	7,000
16	10.10 a m	1231 State street	3	"	frame	Mr. Bullock	J. H. Cobham	Dw & restaurant.	Sparks from stove		
16	5.05 p m	Wabansia av. & River	1	"	"	Marion Bros	Marion Bros.	Brick kiln	Overheating	100	
17	4.44	R. 233 Michigan ave.	2	"	brick	J. H. Dunham	J. H. Dunham	Barn	Unknown	1,150	5,500
17	10.55	128 N. May street	2	"	frame	Mrs. Colburn	Saunstrom & Co	Picture frame fac.	Carelessness	600	2,500
17	4.53	R. 1349 Wabash ave.	No loss						Tar boiling over		
18	5.34	2430 Michigan ave.	4	story	brick	Wm. McLean	J. S. Mitchell	Dwelling	Curtain too near gas jet.		27,000
18	4.51	Foot of Monroe street	R. R. car			B. & O. R. R. Co	B. & O. R. R. Co	Sleeping car	Overheated stove	25	
18	12.20	112 & 114 Indiana street	2	story	brick	Hayden & McCauley	G. Van Pelt	Last factory	Carelessness	700	29,300
19	9.14 a m	3605 Ellis Park ave.	2	"	"	J. W. Stewart	H. C. Burr	Dwelling	Children with matches		3,500
19	7.05 p m	2501-3-5 Cottage Grove av	3	"	"	Conrad Seipp	E. V. Stewart & oth	Store & dw	Supposed incendiary		9,000
19	5.00	Seward and Lumber	Lumber yard			Tegtmeyer	Tegtmeyer	Lumber yard	Supposed incendiary	500	9,000
19	9.38 a m	False alarm.									
19	2.00 p m	So. end Douglas Park	Hay stack						Firing gun into hay	50	
20	7.24	False alarm.									
20	8.04	667 & 669 Carroll ave.	4	story	brick	Mrs. N. Allen	Mrs. N. Allan&oth.	Cabinet factory	Carelessness	1,000	10,000
20	8.19	Second alarm.									
20	9.06 a m	651 Thirty-seventh street	2	"	frame	Chas. Wilcox	Mrs. Hendricks	Dwelling	Children with matches	70	800
20	11.45 p m	66 Blue Island ave.	2	"	"	Mrs. Smyth	G. Greurhardt	Grocery & dw	Incendiary		6,500
20	5.02	False still alarm.									
21	4.54 a m	15 & 17 N. Green street	3	"	brick	Haskell Bros.	Haskell Bros.	Trunk manuf'y	Unknown	5,100	24,000
21	6.40 p m	Jefferson & Fulton streets	4	"	"	Bradley Mfg. Co	Bradley Mfg. Co	Finishing rooms	Overheated chimney	10	25,000
21	6.24	75 & 77 Lake street	5	"	stone	No loss			Sparks from stove		
22	8.57 a m	146 Schiller street	3	"	brick	A. Shoeninger	Western Toy Co	Boiler room	Defective chimney		8,000
22	9.10 p m	False still alarm.									
23	9.45	420 W. Madison street	3	"	"	J. Quigley	W. Rutheng	Furniture store	Unknown	50	12,000
23	10.59 a m	3330 Indiana street	3	"	"	Marvin Hughitt	Unoccupied	Dwelling	Plumber boiling glue		12,000
23	4.56 p m	2922-4 Cottage Grove ave.	2	"	"	J. Lynch	C. L. Extein & oth.	Dwelling	Incendiary	100	6,500
23	12.15	Erie & Wells street	No loss						Tar boiling over		
23	3.20 a m	207 & 9 Fifth avenue	4	story	brick	Wm. Fitzgerald	W. A. Noaki	Hotel	Defective fire-place	7	21,000
23	12.33 p m	La Salle & Quincy streets	No loss						Tar boiling over		
23	4.04	165 S. Water street	No loss						Carelessness		
23	2.23	Outside city limits.									
23	2.40	Second alarm.									

OCTOBER—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
23	4.36 p m	Outside city limits.							
24	2.25 a m	537 W. Monroe street	2 story brick	Mrs. Campbell	Mrs. Campbell	Dwelling	Defective fire-place		$4,000
25	1.01	82 to 88 Market street	5 " "	E. L. & T. Co.	Cawdy & Barston	Printing	Spontaneous combust'n.	$3,300	73,292
25	1.10	Second alarm.							
25	2.20 p m	Wood & Ogden Place	4 " "	Dr. Shipman	Dr. Shipman	Foundl'gs' home.	Chimney fire		
25	9.30	104 Dearborn avenue	3 " "	P. Mooney	T. McDonald	Dwelling	Lamp explosion	80	5,500
25	2.57	R. 251 May street	No loss				Spontaneous combust'n.		
25	3.15 a m	61 Elston avenue	2 story brick	F. V. Kobley	Same and others	Dwelling	Sparks from chimney	150	1,750
25	10.30	110 Wesson street	2 " frame	No loss			Chimney fire		
25	3.20	False still alarm.							
26	7.20 p m	116 Monroe street	2 " brick	C. Newberry	J. Whalen & others	Dwelling	Lamp explosion	20	1,000
26	6.55 a m	461 & 3 W. Madison st	2 " frame	Mrs. Shawcross	H. Jansen & others.	Billiards	Unknown	200	600
26	9.24	108 E. Madison street	4 " stone	J. H. Andrews	A. G. Spalding	Sporting supplies.	Unknown	53,000	149,000
26	9.24	Second alarm.							
26	9.30	799 W. Madison street	No loss				Oil stove flowing over		
26	8.40 p m	157 Eagle street	2 story frame	J. Beidler	L. Peters	Dwelling	Supposed incendiary	50	
27	9.38	2526 Calumet avenue	2 " "	T. D. Randall	Robert Scott	Dwelling	Lamp explosion		3,500
27	6.35	False alarm.							
27	8.38	False still alarm.							
27	4.03	False alarm.							
27	3.42	Tar kettle on fire	No loss				Tar boiling over		
28	3.28 a m	1090 Western avenue	Shed	Frank Andre	Frank Andre	Storage	Unknown	1,050	1,000
28	1.09	1446-8 Wabash avenue	1½ story frame	M. G. Sherman	Finton & Kipp	Wagons & L'ndry	Unknown	5,000	16,700
28	1.30	Second alarm.							
29	5.00	919 N. Ashland avenue	2 " "	Mrs. Wilkinson	Dr. Curran	Dwelling	Unknown	215	
29	11.50	124 to 128 Michigan st	6 " brick	Chas. E. Culver	Schnaldo & Co.	Barb wire, etc.	Explosion of naphtha	68,000	69,500
29	11.52	Second alarm.							
29	11.57	Third alarm.							
29	1.02 p m	151 & 153 Lincoln avenue	2 " frame	Rev. L. Carlson	Rev. L. Carlson	Barn	Children with matches	600	
29	1.02	151 & 153 Lincoln avenue	2 " br & fr	Rev. L. Carlson	Rev. L. Carlson	Hospital	" " " "	1,500	
29	5.00	22nd & State street	No loss				Leak in gas pipe		
30	3.17 a m	143 Erie street	1 story brick	C. Jevne & Co.	Jevne & Co.	Stable	Carelessness	1,100	3,300
30	2.28	Congress & Michigan av.	1 " "	Stanley & Gridley	Stanley & Gridley	Skating rink	Rags too near boiler	400	9,000
30	8.40	118 & 120 Monroe street	5 " "	No loss			Lamp explosion		
30	3.45	Randolph & Ada sts	No loss				Oil stove overflowing		
30	11.18	116 Halsted street	2 story br & fr	J. Beidler	S. Henneth	Dwelling	Lighting fire with oil	10	200
31	6.05 p m	R. 108 Wright street	1 " frame	Mrs. Cading	Mrs. Cading	Shed	Supposed incendiary		

31	6.56	214 & 216 Clinton street	1 " brick	W. Springer	W. Springer	Foundry	Sparks from cupola	50	6,500
31	5.00	Halsted & Chi. av. viaduct	No loss				Unknown		
31	3.04	98 Madison street	No loss				Overheated woodwork		
31	5.20	Cor. Robey & Lumber sts.	4 story brick	Clark Bros	Clark Bros	Furniture mfg.	Oil explosion		45,000
31	7.00	False alarm.							
31	5.10	Michigan st. nr. La Salle.	No loss				Gas explosion		
31	3.04	98 Madison street	No loss				Overheated woodwork		
		Total 119 Fires; 9 False alarms and 18 False Still Alarms; Loss on Buildings $36,578; Loss on Contents $151,760						$188,338	$1,162,622

NOVEMBER.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insura'ce.
1	11.50 a m	108 Wesson street	1 story frame	V. Juror	J. Matterich	Dwelling	Overheated stove		$ 800
1	4.28 p m	89 State street	No loss				Gas explosion		
1	5.46	284 Michigan avenue	No loss				Chimney fire		
1	10.24	125 4th avenue	No loss				Carelessness		
2	6.35 a m	R. 177 Adams street	2 story frame	C. McMullen	Unoccupied	Barn	Supposed incendiary	$ 10	
2	9.50 p m	503 W. Monroe street	No loss				Defective chimney		
2	9.18 a m	La Salle & Washington st	5 story stone	Mut. Life Ins. Co.	Same & Tel'ph Co.	Offices	Overheated furnace	75	167,500
2	7.03 p m	False alarm							
2	12.35	Paulina & Lumber street	1 " brick	Wells & French	Wells & French	Shaving house	Sparks from furnace		500
3	2.05	156 Bunker street	1 " b'r & f'r	J. Rotchilds	J. Rotchilds	Dwelling	Children with matches	35	400
3	5.42	146 and 148 Green street	2 " frame	E. F. Rate	E. Lilly & others	Manufactory	Lamp explosion		
3	7.50 a m	1808 Prairie avenue	2 " brick	Ed. Norton	Unoccupied	Dwelling	Carelessness		
4	1.08	33 Ontario street	2 " frame	J. O'Hara	J. O'Hara	Dwelling	Incendiary	175	
4	6.24 p m	87 Market street	4 " stone	Gen. Farnsworth	D. C. Spencer & oth	Shirt manf'y	Unknown	650	14,000
4	6.05	False alarm							
4	0.30	313 Washington Boul'd	3 " brick	G. W. Higgins	G. W. Higgins	Dwelling	Defective furnace		
4	11.04	70 & 72 Washington st	3 " "	F. Krause	Fox & Slegianoski	Picture frame	Unknown	650	7,000
5	4.15 a m	48 W. Randolph street	4 " "	J. Whitbeck	E. A. Fish & oth	Lodging house	Unknown	10	
5	9.26 p m	63 and 65 Canal street	4 " "	S. Richards	A. Ritchie & oth	Picture frame fac.	Unknown	4,500	29,000
5	1.01 a m	R. 221 Halsted street	2 " frame	J. Gahel	J. Gahel	Barn	Supposed incendiary	30	
5	6.05	R. 242 Taylor street	2 " "	H. Hogan	Unoccupied	Barn	Supposed incendiary	10	
5	7.18	355 La Salle street	3 " brick	E. K. Lewis	E. K. Lewis	Dwelling	Stove explosion		5,500
5	12.20	False still alarm							
5	8.00 p m	18th st. & Canalport ave	2 " frame	R. Lenon	J. Home	Store & dwelling	Children with matches	50	800
5	11.45	Oakley & 16th street	Water trough	C. B. & Q. R. R.	C. B. & Q. R. R.	Water tank	Sparks from locomotive		
6	10.14 a m	La Salle & Randolph st	6 story stone	A. A. Munger	Chicago Pub. Co.	Offices	Overheated woodwork	250	147,500
6	1.20	Webster avenue	No loss				Malicious mischief		
7	10.39	163 W. Huron street	2 story frame	Louis Gunderson	Fred. Lundt		Sparks from chimney		1,000
7	3.45 p m	254' to 2547 Cot. G've ave.	2 " "	Wm. H. Bradley	H. Palutski	Dwelling	Carelessness	100	14,000
7	10.10	Outside city limits	Town of Lake						
8	6.25	False still alarm					Ignition		
8	8.11	114 Monroe street	No loss						
8	11.45 a m	689 Halsted street	2 story brick	J. Lauer	J. Lauer & others	Sash & door mfg.	Sparks from furnace		2,600
8	6.40 p m	False still alarm							
8	6.58	2433 Wabash avenue	1 " frame	Myron Pierce	Mr. Harwood	Dwelling	Unknown		200
8	8.20	McGregor & Hanover st.	2 " brick	C. Gas Light Co.	Ch. Gas Light Co.	Manf'g gas	Explosion, naptha		
8	5.46 a m	82 Wabansia avenue	1 " frame	Mrs. Ives	Unoccupied	Dwelling	Supposed incendiary	125	

8	1.10 p m	77 Wright street	2 story frame	L. Monnenot	Same and others	Dwelling	Chimney fire			1,000
9	12.05 a m	Halsted and Forquar st.	No loss				Unknown			
9	10.05	51 Ashland avenue	No loss				Unknown			
9	11.40	Outside city limits								
9	10.55 p m	False still alarm								
9	5.33	Harrison street	No loss				Malicious mischief			
10	10.10 a m	2015 Purple street	3 story frame	R. Riedle	J. Katzman	Grocery & dwell.	Children with matches		15	3,400
10	5.50 p m	53 Indiana street	1 " brick	R. M. Eddy	R. M. Eddy	Iron works	Explosion, kero. lamp			10,000
10	6.37 a m	237 Hudson street	1 " frame	J. Jantz	J. Jantz	Dwelling	Overheated stove			1,000
10	0.06	R. 4 Broom street	1 " "	Mr. Donohue	Patt Garrett	Barn	Unknown		20	
10	1.56	31st and Long John street	1 " "	McKenna	McKenna	Brick shed	Sparks from furnace		300	
10	3.43	300 and 302 Clark street	No loss				Careless smoking			
10	3.09	117 and 119 Jefferson st.	2 story frame	Dunlap & Swift	W. O. Connor & oth	Dwelling	Supposed incendiary		125	3,000
10	12.32	150 and 152 Blue Is'd av.	3 " brick	C. J. Hull	Wilson & others	Dwelling	Supposed incendiary		25	5,550
11	9.00 a m	16 and 18 S. Canal street	4 " "	Newberry estate	Lipman & Co	Rag factory	Upsetting kero. lamp		200	58,000
11	7.19 p m	249 and 251 Monroe street	2 " b'r & f'r	No loss			Chimney fire			
12	5.57	644 W. Monroe street	No loss				Unknown			
12	5.09	299 23rd street	2 story frame	J. Wilson	J. Wilson	Dwelling	Chimney fire			800
12	5.34	False still alarm								
12	11.10 a m	278 12th street	3 " brick	P. Brennan	Mrs. Palmer & oth	Notion store	Grease on stove			3,500
12	8.21	False still alarm								
12	9.26 p m	168 and 170 Halsted street	3 " "	T. Quick	B. Unger & others	Grocery & dwell.	Unknown		250	14,500
12	10.50 a m	442 Milwaukee avenue	3 " "	A. Pruitski	Same and others	Store and dwell.	Unknown		150	21,000
13	6.19 p m	Outside city limits								
13	8.22	716 W. 20th street	2 " frame	W. Henry	C. Stack	Dwelling	Unknown			15,00
14	5.59 a m	79 Waller street	2 " "	N. Schmidt	Schmidt & others	Dwelling	Defective flue		10	1,200
14	12.50 p m	3385 Indiana avenue	2 " brick	Mr. Beacher	W. B. Dobbins	Dwelling	Children with matches			2,000
14	10.25 a m	Outside city limits								
15	12.15 p m	153 and 155 Canal street	1 " frame	E. M. Doolittle	H. Basch and oth	Saloon & dwell.	Heating tar on roof		10	1,200
15	2.12	281 May street	2 " b'r & f'r	J. Cunningham	J. Cunningham	Dwelling	Sparks from chimney			1,800
15	8.20	40 Bethoven street	2 " b'r & f'r	L. J. Kadish	L. J. Kadish	Dwelling	Lamp explosion		200	8,000
15	8.15	174 N. Oakley street	1½ " frame	Mary E. Barry	Edward Lane	Saloon & dwell.	Overheated stove		800	1,550
15	9.13	1248 State street	No loss				Chimney fire			
16	3.13 a m	Cor. Robey & Lumber st.	2 story brick	Barnum & Co	Barnum & Co	Foundry	Smoke from furnace		800	9,000
16	5.32 p m	262½ to 274 Madison st.	2 " frame	E. Kerns	A. Otto & others	Barker shop & sho	Spontaneous combusti'n			14,500
17	2.45	2827 Arnold street	1 " "	A. J. Sargent	Mrs. Swartz	Dwelling	Carelessness			400
17	7.46 a m	306 State street	4 " brick	C. F. Gunther	J. B. Fowler	Salo'n & Mattrass	Overheated stove		225	12,000
17	10.41	49 Franklin street	4 " "	C. E. Pope	A. Botsford & Co	Picture frames	Overheated stove		11,000	22,500
17	2.10 p m	12 14th street	2 " frame	No loss			Defective chimney			
17	6.43	714 S. Canal street	1 " "	Sutter	Unoccupied	Barn	Supposed incendiary			
18	8.50 a m	Monroe & Wabash ave.	No loss				Ignition			
18	4.50 p m	176 Randolph street	4 story stone		Coffen & Devore	Paints and oils	Ignition of varnish			100.000
18	2.30 a m	85 W. Madison street	1 " frame	Williams & Wint's	Wil'ams & Winters	Saloon & dwell.	Defective flue		50	1,500
18	5.34 p m	R. 165 Center avenue	2 " "	D. Goodman	D. Goodman	Carpenter shop	Unknown		50	250
18	10.48 a m	2246 Chestnut street	2 " brick	S. Johnson	A. C. Paul	Dwelling	Ashes under sidewalk			4,000
18	4.35 p m	R. 186 W. 22nd street	1 " frame	McFarlane	McFarlane	Shed	Grease pan overheated			

NOVEMBER—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Owner.	Use.	Cause.	Total Loss.	Total Insurance
18	1.05 p m	Outside city limits							
19	2.20	Foot of Van Buren street	No loss						
19	7.50	14 Baldwin street	1½ story fra'e	Mrs. M. Casey	Mrs. M. Casey	Dwelling	Upsetting lamp		
19	8.20 a m	False still alarm							
19	3.32 p m	3437 Dearborn street	2 " "	A. Ortman	A. Ortman	Carpenter shop	Children with matches	100	$ 2,500
19	9.05 a m	400 Harrison street	2 " "	M. Bala	A. Meachand	Dwelling	Sparks from chimney		600
19	3.36 p m	83, 87 W. Chicago avenue	2 " brick	A. Ranch	A. Ranch	Furniture factory	Overheated kiln	700	20,000
20	6.55	2441 Archer avenue	2 " "	Mrs. O'Neil	Walpson & Winter	Bed comforters	Carelessness	65	3,500
20	8.51	3001 Archer avenue	3 " "	F. Lee	Rastner	Store and dwell	Unknown		6,500
20	12.39 a m	110 and 112 Madison st	4 " stone	J. Rosenberg	C. Jevene & Co	Grocery store	Candle in barrel		124,500
20	4.29	331 State street	3 " "	Rodgers & Lawr'g	W. H. Schroeder	Restau. & Saloon	Incendiary	200	800
20	8.16	364 Clark street	No loss				Chimney fire		
20	10.18 p m	549 State street	No loss				Carelessness		
21	3.45 a m	905 S. Halsted street	1 story brick	J. McFarlane	J. McFarlane	Boiler works	Sparks from furnace	150	
21	3.43 p m	False still alarm							
21	7.32	414 Clark street	Sidewalk	No loss			Ignition of gas		
21	6.40	Chimney burning out	No loss				Chimney fire		
22	11.24	304 and 306 Madison st	3 story frame	L. Benedict	Kettle & others	Boots & jewelry	Carelessness	75	10,500
22	5.45 a m	Hawthorne & Division st.	1 " brick	Barber asphalt pav	ing Co.	Tar boiling	Boiling tar flowing over		
23	4.57	False still alarm							
23	4.32 p m	232 Ontario street	3 " "	H. Hawins	B. J. Tighe	Dwelling	Children with matches	375	6,200
23	5.15 a m	S. W. cor. State & Lake st	4 " stone	Judge Drummond	Booth & others	Oys. & Fish Dep.	Detective flue	20	30,500
24	10.05	189 Canalport avenue	2 " frame	H. Shiffles	H. Shiffles	Dwelling	Carelessness	10	
24	8.53	NW. cor. Sherman & 5th av	2 " "	R. I. R. R. Co.	Davis & Co.	Offices	Overheated stove pipe	20	
24	9.33 p m	181 Monroe street	5 " brick	T. Campbell	A. L. Hodge & Co.	Paper warehouse	Unknown	43,500	99,450
24	9.38	Second alarm							
24	9.40	Third alarm							
24	9.40	183 and 185 Monroe street	5 " "	Unknown	Lindam Bros	Gents furn. goods	Unknown	1,200	314,000
24	2.15	Outside city limits	Lake View						
24	0.18	Outside city limits							
24	4.35	49 S. May street	2 story frame	Mrs. Speth	Mrs. Speth	Dwelling	Fill'g gaso'e light'd l'p	150	3,200
24	8.25 p m	R. 629 W. Lake street	1 " "	Mrs. Steele	H. L. Warner	Rendering lard	Overheated stove pipe		
24	3.55	Washington & Despl's st.	No loss				Unknown		
24	10.12 a m	Johnson ave. & 27th st	4 story brick	F. P. O'Neil	T. P. O'Feil	Brewery	Tar boiling over	25	15,000
24	12.55 p m	84 Thirty-fifth street	2 " frame						
24	12.19 a m	Outside city limits	Lake View	C. D. Crooker	Geo. Ashton	Dwelling	Sparks from chimney	2	3,000
24	5.43 p m	510 Market street	2 story frame	Geo. Robinson	Cornwald mf'g Co.	Cotton batten	Friction	3.800	2,000

24	3.10 a m	79 Canal street	3	story	frame	A. H. Buck	J. H. Cosgrove	Hotel	Overheated range	10	3,500
25	5.50	250 to 254 Forquar street	2	"	"	P. Maynan & oth.	C. Ross & others	Dwelling	Upsetting lamp	135	1,800
25	11.24	47 Rush street	3	"	brick	W. Borden	E. P. Congdon	Dwelling	Children with matches	125	3,600
25	3.58 p m	False still alarm									
25	1.27 a m	66 Michigan street	1	"	frame	Newberry estate	Schoenberger & Co	Iron foundry	Sparks from furnace	900	1,800
25	1.27	64 Michigan street	1	"	"	Pefifer	Pefifer	Boiler works	Sparks from furnace	400	1,400
25	1.27	68 to 72 Michigan street	1	"	"	Newberry estate	Schoenberger & Co	Boiler works	Sparks from furnace	400	
25	8.55	797 Milwaukee avenue	No loss						Chimney fire		
26	4.50 p m	74 Sangamon street	3	story	brick	Mr. Cohn	W. J. Murphy	Bakery & Laund.	Children with matches		4,700
26	1.47 a m	90 La Salle street	4	"	stone	E. W. Blatchford	A. Boenert & oth.	Offices	Coals from grate	50	104,000
26	5.12 p m	River, foot Washing'n st.	Propeller			Leopold Austrian	Leopold Austrian	Freight & Passe'r	Carelessness	800	43,000
26	3.10 a m	River and Sanger street	Schooner			H. C. Allbright	Unoccupied	Coal carrier	Tramps, overh'd stove	1,600	
26	11.10 p m	Hickory and Deering st.	No loss						Explosion		
26	7.32	940 W. Madison street	1	story	brick	H. Potwin	C. H. Rogers	Jewelry store	Lamp explosion		1,000
27	3.10	56 Rebecca street	1	"	frame	B. P. Rider	B. P. Rider	Barn	Hot ashes		50
27	12.40	False still alarm									
28	7.38	497 W. Van Buren street	3	"	brick	A. C. Fairchild	E. Morris & others	Dwelling	Coals from grate	50	104,000
28	9.50	615 W. Lake street	3	"	"	H. C. Durand	Walker & others	Oil stove & dw	Rags as chimney stop'r		5,300
28	12.20 a m	False still alarm									
28	4.35 p m	3867 Cottage Grove ave	2	"	frame	A. C. Huston	O. P. Burchard	Butcher shop	Explosion, gaso. stove	550	4,300
28	7.25 a m	128 E. 16th street	2	"	"	N. Davis	Walker & others	Dw. & School	Defective chimney		500
28	5.55 p m	R. 202 Desplaines street	2	"	"	O. Horan	M. Kent and oth	Barn	Unknown		
29	6.00	False still alarm									
29	5.22	Randolph & 5th avenue	6	"	stone	H. J. Davis	Waldron & Uph'm	Hotel & Drug's're	Ignition		120,000
30	3.34	R. 3800 & 3801 Dearb'n st.	2	"	frame	Mocklemeyer and	Moore	Dwell. & store	Carelessness	700	800
30	5.27	R. 10 W. 20th street	1	"	"	F. Borner	F. Borner	Wood shed	Carelessness		
30	10.40 a m	98 Warren avenue	No loss						Unknown		
30	4.30 p m	191 W. Water street	1	story	frame	E. Murphy	E. Murphy	Saloon	Defective chimney	150	
30	9.30	Cass st. and River street	Tug boat			A. J. Johnson	A. J. Johnson	Tugging	Overheating	600	1,200
30	9.37	262½ to 274 Madison st	2	story	frame	E. Kerns	Mr. Levi & others	Millinery & shoes	Supposed incendiary	25	14,500
		Total 122 Fires; 3 False Alarms and 12 False Still Alarme; Loss on Buildings, $13,132; Loss on Contents							$54,105	$ 67,237	$ 675,050

DECEMBER.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insurance.
1	2.10 p m	408 La Salle street	3 story brick	James Clowry	James Cleary	Dwelling	Defective kero. stove		$ 13,000
1	9.00	R. 341 Madison street	1 " frame	J. Hanna	J. Hand	Coal shed	Unknown		
2	9.05 a m	Kingsbury & Superior st.	2 " brick	Frazer axle grease.	Frazer Axel Gre'se	Factory	Thawing water pipe	$ 15	
2	0.12	167 & 169 W. Madison st.	2 " frame	J. & H. Beidler	E. A. LeBrie	Saloon & dwell.	Defective flue	15	3,000
3	5.45 p m	145 Hudson avenue	2 " "	J. Wretstrom	W. Asher	Dwelling	Defective chimney		
3	5.25	Breaking of supply gas	pipe to street	lamp; No loss			Defective pipe		
3	2.50	2872 Archer avenue	2 story frame	J. Bonfield	J. Bero	Saloon & dwell.	Sparks from chimney	30	
4	5.50 a m	79 McAlaster Place	2 " brick	E. Swenie	E. Swenie	Dwelling	Unknown	650	5,000
4	6.05	157 Halsted street	3 " frame	C. Swartz	J. McDonald	Restau. & dwell.	Leakage of gasoline		4,000
4	8.10 p m	161 Canal street	3 " brick	W. P. Wilson	S. W. Adams	Warehouse	Defective flue	10	67,000
4	6.15	R. 153 Center avenue	1 " frame	J. Naughton	J. Naughton	Coal shed	Children with matches		
5	6.40	218 and 222 N. Union st.	2 " brick	King & Andrews	King & Andrews	Foundry	Defective cupola		7,500
5	2.20	False still alarm							
5	12.48	110 Reese street	2 " frame	N. Nalbaum	N. Nalbaum	Dwelling	Chimney fire		
5	6.20	False alarm							
5	1.00 a m	False alarm							
5	6.33 p m	R. 305 Wabash avenue	½ " "	Germicide Co.	Germicide Co.	Germicide mfg.	Defective chimney		
5	12.29	562 Canal street	2 " "	M. Miller	J. Berkson & Bros.	Notion store & dw	Chimney fire		5,800
6	1.21	Chimney burning out	No loss				Chimney fire		
6	7.56	False still alarm							
6	10.52	False still alarm							
6	5.15	246 and 248 Halsted st	3 story brick	P. H. Mathie	P. Nick & others	Restaurant	Kerosene oil ignited		10,175
6	5.25	78 Rebecca street	2 " "	M. Denarto	Same & others	Dwelling	Chimney fire		2,500
6	5.43	Chimney burning out	No loss				Chimney fire		
6	11.45 a m	Towney street	No loss				Chimney fire		
7	8.14 p m	River, foot of Harrison st	Tug boat	Reed Bros.	Reed Bros.	Tug boat	Accidental	300	2,500
7	9.05	North Avenue and R. R.	No loss				Unknown		
7	9.07	300 Halsted street	2 story frame	T. Hart	Mr. Walker	Dwelling	Chimney fire		
8	12.47 a m	577 to 581 Ogden avenue	2 " b'r & f'r	Garvey and others	A. Snite & others	Saloon & dwell.	Supposed incendiary	1,200	13,106
8	4.35 p m	56 Union Park Place	2 " frame	T. Courtney	Geo. Helman	Dwelling	Children with matches	20	2,200
8	6.49	651 W. Indiana street	1 " "	C. Vanetta	J. Bonard	Dwelling	Sparks from chimney		1,000
8	6.30	287 Division street	2 " "	N. Grant	J. A. Jansen	Dwelling	Gas explosion	400	3,000
9	6.51	False still alarm							
9	12.08	100 Fuller street	2 " "	Mrs. Shean	Mrs. Shean	Barn	Carelessness	200	9,200
9	3.38	113 to 119 Canal street	3 " frame	D. C. Swarte	E. Loftus & others	Saloon & dwell.	Boys smoking in hay	20	
10	5.50	False alarm							
10	5.38 a m	1015 32nd street	2 " "	N. Leonard	J. Polisky	Saloon & dwell.	Carelessness	175	400

10	9.10 p m	2879 Archer avenue	1	"	"	W. Millin	C. Brushbrugen	Store & dwelling	Unknown		3,640
10	7.19	204 E. Van Buren street	4	"	brick	Dr. Farrar	Western Sup'ly Co	Undertaking sup.	Lamp explosion		32,000
10	4.35	3880 Lake avenue	2	"	frame	Shea & Smith	Shea & Smith	Dwelling	Matches on register	50	5,000
10	9.52 a m	R. 78 Wilson street	2	"	"	M. Swartz	M. Swartz	Barn	Boys smoking in hay	20	100
10	6.38 p m	False alarm									
10	5.50	False alarm									
11	8.04	211 Maxwell street	2	"	"	No loss			Unknown		
11	2.04	False alarm									
11	10.30	Chimney burning out	No loss						Chimney fire		
11	12.15	91 N. Clark street	4	story	brick	G. P. Dodge	J. Murphy	Tea store & dw	Carelessness	50	8,000
11	3.30	92 and 94 Illinois street	1	"	b'r & f'r	C. F. Remick	C. F. Remick	Cotton batten mill	Accidental		1,000
11	5.46	77 Pine street	4	"	brick	T. H. Avers	Unoccupied	Dwelling	Carelessness		8,000
11	11.40 a m	478 W 17th street	1	"	frame	C. Hubbie	C. Hubbie	Smoke house	Overheating		
11	8.45 p m	92 and 94 Illinois street	1	"	b'r & f'r	C. F. Remick	C. F. Remick	Cotton batten	Rekindling		1,000
11	8.38 a m	3334 Michigan avenue	2	"	brick	S. B. Cobb	S. B. Cobb	Dwelling	Overheated woodwork	30	45,000
11	8.10 p m	R. 56 E. 14th street	2	"	frame	No loss			Chimney fire		
12	3.07 a m	2001 to 2007 Dearborn st	2	"	brick	C. C. R'y Co	C. C. R'y Co	Elev'r & feed mill	Overheated furnace	10	8,500
12	3.47 p m	Portland ave. & 23rd st	1	"	frame	Union B. B. Club	Vacant	Ticket office	Incendiary	40	
12	4.32	False alarm									
12	5.27	146 and 148 5th avenue	4	"	stone	Irving & Bassett	Sig Deichers & oth	Neckwear mfg	Unknown	6,300	36,500
12	9.16	146 and 148 5th avenue	4	"	"	No loss			Rekindling		
12	2.15 a m	Outside city limits									
12	8.53	52 to 64 Jackson street	1	"	brick	J. O'Maley	Latchman	Meat market	Overheating		
12	1.59	Outside city limits									
12	4.25 p m	17th st., near Center ave	L'p post bur'g			No loss			Defective pipe		
12	4.40	126 W. Huron street	1	story	frame	Thomas Bagley	Thos. Bagley & oth	Dwelling	Chimney fire		800
12	1.10 a m	280 and 282 Clinton street	3	"	brick	E. A. Hartwell	L. Jacobson	Rag house	Defective chimney	40	5,250
13	11.28	114 and 116 Van Buren st	1	"	frame	G. Adams	R. Patterson	Wagon shop	Overheated woodwork	90	
13	8.40	407 N. Clark street	3	"	brick	F. Tift	F. Linderman	Dw. & bakery	Spontaneous combusti'n		9,500
13	9.00	291 North avenue	2	"	"	H. Randorz	H. Randorz	Dw. & hardware	Tinner's pot		9,000
13	4.10 p m	171 Emerson avenue	2	"	frame	James Allan	Wm. Taylor	Dwelling	Defective chimney		700
13	8.45	3214 Michigan avenue	2	"	brick	A. L. Rotchilds	A. M. Rotchilds	Dwelling	Overheated furnace	25	
14	2.07	River, foot of Erie st	Schooner			No loss			Ignition of oil rags		
14	12.40	False alarm									
16	1.35	71 George street	1	story	frame	Joe Brokovitz	Joe Brokovitz	Dwelling	Defective chimney	5	
16	4.35	196 S. Clark street	4	"	stone	No loss			Spontaneous combusti'n		
16	5.02	138 and 140 State street	4	"	brick	T. Mackin	J. Armstrong	Dry goods	Goods too near gas lig't	200	147,500
16	7.01	106 Wells street	1	"	"	Berger Bros	Berger Bros	Coal office	Stove overheated		
16	4.00 a m	R. 260 & 262 Desplaines st	2	"	frame	F. E. Hevely	A. McDonald	Sale stables	Upsetting lamp	625	1,000
17	10.15	R. 134 to 138 Sangamon st	2	"	"	A. Davidson	Same & others	Dwell. & sheds	Children with matches	250	
17	2.05 p m	31st street R. R. track	1	"	"	P. McGurn	P. McGurn	Dwelling	Sparks from locomotive	200	800
17	12.45	False still alarm									
17	7.00	Ohio & Grand avenue	1	"	"	Rice & Sons	Rice & Sons	Blacksmith shop	Defective chimney		
17	7.35	725 W. Monroe street	2	"	brick	J. B. Keeler	C. B. Carmine	Dwelling	Defective chimney	100	5,500
17	9.39	200 S. Water street	4	"	"	No loss			Defective chimney		
17	1.40	False alarm									

DECEMBER.--Continued.

Day.	Time of Day.	Street and Number.	Class of Building.			Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
17	11.42 a m	2027 Prairie avenue	2	"	brick	M. L. Walker	M. L. Walker	Dwelling	Rats with matches	$ 100	$ 4,400
18	2.00 p m	1926 & 1928 Wentworth av	2	"	frame	B'd of Education	B'd of Education	Public school	Overheated furnace	25	
18	7.12 a m	458½ & 459 W. Madison st	1	"	brick	Thos. Grenier	L. M. Swift	Millinery store	Upsetting lamp	1,700	1,300
18	12.14 p m	185 & 187 W. Madison st.	4	"	"	Parker	Lon. & Liv'p'l&Clo'g	Hotel and stores	Carelessness		64,000
18	11.25 a m	False still alarm.									
18	12.06 p m	263 Wells street	3	"	"	M. Cooper	Richard	Dwelling	Bed too near stove	30	8,000
18	3.40	53 Superior street	2	"	frame	M. Kelly	M. Kelly	Dwelling	Fire from stove	25	
18	2.25	241 & 243 Blue Isl'd ave.	3	"	brick	J. Cramer	J. W. Wilbot	Dry goods & dw.	Oil stove in window	20	32,000
19	7.47	R. 89 Forquar street	2	"	frame	J. Chabick	M. Libscia	Dwelling	Lamp explosion	27	100
19	11.00	376 W. 12th street	3	"	"	P. Mass	P. Mass	Sal. & hall & dw.	Defective flue	15	4,600
19	4.57	74 Rush street	3	"	brick	W. C. Larned	W. C. Larned	Dwelling	Carelessness	300	37,000
19	3.51 a m	137 & 139 Wabash ave.	4	"	stone	M. Burke	T. Kam & Co	School furniture	Hot ashes in box	3,900	45,500
19	12.15	437 W. 22nd street	1	"	frame	Brundage	Brundage	Wagons	Overheated stove	425	1,600
20	5.43	216 Lake street	4	"	stone	Hoyne estate	A. Hefter & others	Saloon	Carelessness		12,000
20	4.53 p m	1634 State street	1	"	frame	C. H. Curtiss	Murphy & Ryan	Saloon	Thawing gas meter	10	800
20	9.10 a m	3134 Prairie avenue	2	story	brick	Ira Heath	S. W. Pleisham	Dwelling	Thawing water pipe		6,000
20	7.09	136 Van Euren street	7	"	"	H. Memory	Unoccupied	Offices	Defective fire-place		5,500
20	5.12 p m	118 5th avenue	5	"	stone	M. Life Ins. Co	Even'g Mail & oth.	Printing	Defective chimney		27,500
20	5.25 a m	101 to 105 Desplaines st.	2	"	frame	Crane Bros. & Co.	Crane Bros. & Co.	Iron pipe mfg	Sparks on roof		21,000
20	2.16 p m	776 W. Erie street	1½	"	"	S. J. Brodie	Same & others	Dwelling	Defective flue	15	1,500
20	2.28	476 W. Adams street	2	"	"	Mrs. T. Herman	Mrs. T. Herman	Dwelling	Defective fire-place		21,000
20	7.30	R. 1097 & 9 W. Lake st	1	"	"	V. C. Braham	V. C. Braham	Barn	Carelessness	30	600
20	10.07 a m	214 North avenue	2	"	fr & br	A. Koelman	J. Koeler	Dwell. & grocery	Carelessness	225	2,300
20	4.48 p m	227 Townsend street	2	"	frame	Mrs. Renn	Mrs. Renn	Dwelling	Chimney fire		2,400
21	8.20	R. 353 May street	2	"	"	P. Daley	Same & others	Dwelling	Thawing water pipe		
21	3.41 a m	405 North avenue	3	"	"	G. A. Smidth	G. A. Smidth	Soap works	Ashes left in tub		6,000
21	4.12 p m	714 Halsted street	1	"	"	F. Hess	F. Hess	Smoke house	Meat falling in fire		
21	11.03	990 W. Madison street	3	"	brick	Titcomb & Pratt	L. J. Pool & others	Store and dwell	Carelessness		20,000
21	3.42 a m	False still alarm.									
21	3.45	296 Wabash avenue	5	"	brick	S. W. Packward	H. H. Everill	Furniture mfg	Thawing water pipe	1,800	14,400
21	6.40 p m	454 E. 22nd street	1	"	frame	Mrs. Lillis	Edward Frimble	Dwelling	Lamp near curtain		600
21	10.45	90 Thirty-seventh street	2	"	"	S. W. Hoffman	W. K. Prankhard	Mk't & dwelling	Overheated stove	25	600
22	4.22 a m	376 E. 22nd street	2	"	"	J. Phillips	Conrad Goebig	Bakery & dwell	Overheated stove	70	2,000
22	8.30 p m	351 Thirty-first street	2	"	"	E. Churchill	Weicke	Grocery & dwell	Explosion of gas meter	5	2,900
22	5.42	138 & 140 5th avenue	4	story	brick	Otis & Lane	A. Stern & others	Notions & dry g's	Unknown	13,800	92,000
22	5.10	77 Madison street	No loss						Lamp explosion		
22	9.59 a m	170 Clark street	4	story	brick	J. Peabody	Ingersoll & Morris	Saloon & Printing	Overheated woodwork		14,500

22	6.45 p m	Adams & Dearborn street	2	"	"	R. J. Stearns	E. J. Lehman	Notions	Defective chimney	50,000
22	11.27 a m	False alarm.								
22	1.59 p m	154 Maxwell street	2	story	frame	J. Hannon	Hannon & others	Dwelling	Accidental	1,200
22	7.55	328 Monroe street	2	"	b'r & f'r	Mr. Roesing	Mr. Roesing	Dwelling	Defective grate	10,000
22	8.22	114 Blue Island avenue	1	"	frame	F. W. Wanger	P. Jolly	Groceries	Accidental	1,500
23	11.33 a m	243 Illinois street	3	story	brick	T. Mackin	Families	Dwelling	Thawing water pipes	2,000
23	12.05 p m	271 Market street	2	"	frame	J. F. Walsh	J. F. Walsh	Dwelling	Children with matches	800
23	7.44	23 Twenty-sixth street	2	"	"	R. Meyer	R. Meyer	Stables	Supposed incendiary	2,200
23	12.40	26 Ohio street	No loss						Defective stove	
23	1.00	False still alarm.								
23	2.37	R. 307 Park avenue	1	story	frame	H. Whitbeck	M. C. Wright	Coal shed	Unknown	
23	11.26	R. 473 W. Kinzie street	1	"	"	Lawson Varn'h Co	Same	Boiler room	Unknown	400
23	11.10 a m	Cor. Adams & Clark sts.	5	"	stone	L. Z. Leiter	Farmer's Review	Printing & offices	Unknown	170,000
23	4.58 p m	Cor. Adams & Mich. ave.	10	"	brick	G. M. Pullman	G. M. Pullman	Offices	Accidental	30,000
23	7.55	2829 Archer avenue	3	"	"	N. Davis	N. Davis	Store & dwelling	Gas explosion	11,000
23	8.02	3515 S. Halsted street	3	"	"	M. Lee	M. Lee	Store & dwelling	Lamp explosion	2,700
23	3.52 a m	134 S. Clark street	4	"	stone	E. Shreve	G. H. Hankins	Saloon	Overheated woodwork	25,000
24	8.05 p m	1 Aldine square	3	"	brick	H. A. Rust	H. H. Rust	Dwelling	Carelessness	25,000
24	1.18	2519 & 2521 Calumet ave.	1	"	frame	G. Specklemeyer	Same	Carpenter shop	Upsetting stove	
24	4.35	Opposite 1923 S. Clark st.	No loss						Defective gas pipe	
24	5.03	216 Center avenue	2	story	frame	T. Noonan	T. Noonan & oth	Dwelling	Defective chimney	1,000
25	4.02	148 Madison street	2	"	"	Dunlap & Swift	E. Kelly & others	Saloon & dwell	Supposed incendiary	2,000
25	9 30	144 Blue Island avenue	1	"	"	T. Duffy	N. P. Hinds	Meat market	Overheated woodwork	500
25	4 20	1546 & 1548 Wabash ave.	3	"	brick	Huntington estate	E. Lefever & oth	Bakery & Restau	Overheated stove	19,000
25	8.56 a m	280 W. Indiana street	3	"	"	Mrs. Unson	Rusmarsen	Cloth. store & dw	Carelessness	20,000
25	11 00 p m	551 Indiana street	2	"	"	H. McGurn	H. Lewis & others	Dry goods store	Supposed incendiary	3,400
25	5.33 p m	1923 Indiana avenue	2	"	"	M. Brown	W. F. Jacobs	Dwelling	Carelessness	19,000
25	3.30 a m	98 E. Harrison street	1	"	frame	W. I. R. R. Co	E. Burke	Butcher shop	Overheated stove	19,000
26	8.02 p m	780 Halsted street	2	"	"	Preston Kean	J. York	Store and hall	Carelessness	47,000
26	4.00	168 4th avenue	3	"	brick	J. Hofford	J. McDonald	Saloon	Explosion of gas meter	4,000
26	1.26 a m	293 Jefferson street	2	"	"	T. E. Gilmore	E. A. Kennedy	Dwelling	Overheated woodwork	3,900
26	10.53 p m	408 Clybourn avenue	2	"	"	C. H. Mehnel	L. Blockhelm	Dwelling	Defective stove pipe	400 600
26	10.53	406 Clybourn avenue	2	"	"	G. Glocke	G. Glocke	Dwelling	Defective stove pipe	200 1,500
26	1.28 a m	False still alarm.								
27	8.36	43 W. Washington street	2	story	frame	Mr. Batchelor	L. E. Hartman	Lodging house	Defective flue	1,300
27	2.45 p m	1400 Michigan avenue	3	"	"	Carl H. Harrison	C. Harwick	Dwelling	Unknown	675 3,250
27	2.45	1402 " "	3	"	"	Carl H. Harrison	L. Bitwell & oth	Dwelling	Unknown	675 3,250
27	2.45	1404 " "	3	"	"	W. McKay	D. Norton & oth	Dwelling	Unknown	675 1,600
27	2.45	1406 " "	3	"	"	W. M. Dee	R. Foreman	Dwelling	Unknown	775 50,000
27	2.45	1408 " "	3	"	"	W. M. Dee	L. Eisendrath	Dwelling	Unknown	5,700
27	4.10	Cor. Morgan & Pratt st.	3	"	brick	N. W. Lead Oil Co	N. W. Lead Oil Co	Factory	Accidental	115,000
27	10.51 a m	231 Twenty-first street	2	"	frame	M. Newberry	M. Gray & others	Dwelling	Defective chimney	2,500
27	10.38	350 Laflin street	2	"	'	J. Adler	J. Adler & others	Dwelling	Chimney fire	
28	4.45 p m	Budge and Halsted street	2	"	brick	Underwood	Underwood	Smoke house	Overheated	
28	12.22	649 Canal street	2	"	frame	J. Reiser	H. Palin	School & dwell	Chimney fire	1,000
28	1.52	392 Blue Island avenue	2	"	"	F. Smerman	F. Smerman	Dwelling	Chimney fire	

DECEMBER.—Continued.

Day.	Time of Day.	Street and Number.	Class of Building.	Owner.	Occupant.	Use.	Cause.	Total Loss.	Total Insur'nce.
28	8.30	618, 620, 622 Canal street	2 " "	Miner & Fuller	T. Lynch & others.	Dwelling	Supposed incendiary	110	1,100
28	10.30	1504 Milwaukee avenue	2 " "	Aug. Wendell	Chas. Krelton	Dwelling	Unknown	600	1,300
28	2.40 a m	871 W. Madison street	3 " brick	W. D. Baldwin	Morris Bros.	Grocery	Defective fire-place	30	6,000
28	6.50 p m	False alarm.							
29	5.12 a m	217 Wells street	2 " b'r & f'r	John Zatter	Chas. Otto	Dwell. & grocery.	Supposed incendiary	225	2,225
29	11.30	254 Erie street	No loss				Chimney fire		
29	8.30 p m	263 N. Clark street	3 story brick	Ewing estate	B. Sanders & oth.	Dwell. & store	Carelessness	15	7,000
29	6.00	False still alarm.							
30	6.40	62 Liberty street	2 story frame	J. Offer	J. Offer	Dwelling	Chimney fire		500
30	11.40	710 & 712 W. Lake street	3 " brick	C. M. L. Ins. Co.	F. Noble & others.	Stores & dwell.	Supposed incendiary	45	10,000
31	11.07	460 W. Madison street	1 " "	Thos. Grenier	Mrs. Thompson	Millinery store	Unknown	250	350
31	7.35	732 S. Halsted street	2 " "	J. Clark	Hubke & Co.	Store & dwelling.	Unknown	4,300	26,000
31	10.31	False alarm.							
Total 151 Fires, 10 False Alarms, 11 False Still Alarms; Loss on Buildings, $7,947; Loss on Contents								$35,505	$ 43,452	$1,537,846

RECAPITULATION OF FIRES, LOSSES, INSURANCE, ETC.

MONTHS.	Number of Fires.	No. of False Alarms.	Number of False Still Alarms.	Estimated Loss by Fire.	Amount of Insurance Involved.	Amount of Insurance over Loss.	Valuation of Property Immediately Involved.	No. and Class of buildings.		No. of Fires Confined to one Building.	No. of Fires Confined to two Buildings.	No. of Fires Confined to three Buildings.	No. of Fires Extending to four or more Buildings.
								Frames.	Brick or Stone.				
January	143	8	23	$ 214,156	$ 1,498,800	$ 1,333,744	$ 2,879,290	89	62	142	------	------	1
February	71	8	15	105,525	1,047,175	921,188	1,831,150	40	31	71	------	------	------
March	98	9	12	43,079	1,240,950	1,211,615	2,296,470	65	35	97	------	1	------
April	85	6	17	18,795	548,125	530,050	1,043,575	58	27	85	------	------	------
May	103	5	18	167,487	944,360	777,978	1,735,460	75	28	102	------	1	------
June	86	12	16	67,885	632,100	567,095	1,210,150	56	30	85	------	------	1
July	105	6	10	11,360	768,305	760,235	1,504,125	78	34	102	------	2	1
August	105	18	14	23,170	639,600	629,817	1,412,535	75	31	104	1	------	------
September	90	10	12	17,745	363,750	348,165	712,205	59	32	89	1	------	------
October	119	9	18	188,338	1,162,622	977,089	1,938,035	71	54	117	1	------	1
November	122	3	12	67,237	1,675,050	1,600,243	2,759,158	82	43	120	1	------	1
December	151	10	11	43,452	1,537,846	1,509,229	3,363,448	97	58	149	1	------	1
Total	1,278	104	178	$ 968,229	$12,048,683	$11,166,448	$22,685,601	845	465	1,263	5	4	6

Total Loss on Buildings	$255,158
Total Loss on Contents	713,071
Total	$968,229

CAUSES OF FIRES.

Accidental	91
Children with matches	54
Carelessness	160
Chimney fires	97
Defective chimneys	73
Defective stoves, grates, etc	45
Defective flues, furnaces	15
Explosion of powder, gas stoves, etc	45
Fireworks	4
Friction	6
Ignition	37
Incendiary, known and supposed	84
Lightning	4
Lamp explosion	52
Malicious mischief	8
Overheated stoves, pipes, etc	102
Overheated woodwork	15
Rekindling of previous fires	7
Rats and matches	1
Spontaneous combustion	30
Sparks from chimney	78
Sparks from locomotives	8
Sparks from furnaces, stoves	31
Thawing out water pipes, etc	17
Upsetting stoves, lamps, etc	22
Unknown	192
Total	1278

EXHIBIT "C."

CHICAGO, ILL., Jan. 1, 1885.

D. J. SWENIE, ESQ.,

Fire Marshal and Chief of Brigade.

SIR:—I herewith submit to you a report of the condition of property in use by the Department, for the fiscal year ending December 31, 1884, viz.:

BUILDINGS.

Forty-one in number, and with the exception of stable floors of Engine Houses Nos. 3, 4, 8, 9, 11, 22, 27, 30, 31, and Hook and Ladder Houses Nos. 2 and 4, are in good condition.

FIRE ENGINES.

Thirty-nine in number. The condition of the same is thirty-three good and six fair.

HOSE CARRIAGES.

Four-wheel, eighteen in number; 16 good and two fair. Two-wheel hose carriages, 22 in number, 18 good and four fair.

CHEMICAL ENGINES.

Six in number, 3 two-wheel single tank one-horse machines, and 3 four-wheel double tank two-horse machines, all in good condition.

HOOK AND LADDER TRUCKS.

Eleven in number. Condition, 8 good and 3 fair.

HOSE.

14,910	Feet	Good Rubber	Hose.
5,987	"	Fair "	"
4,150	"	Poor "	"
6,550	"	Good Cotton	"
2,500	"	Fair "	"
2,100	"	Good Chemical	"
350	"	Fair "	"
3,300	"	Good Leather	"
2,000	"	Fair "	"
Total ---41,847	"		

Harness, bedding of men and house furniture are all in good condition.

UNIFORMS

Are in good condition. I have inspected and approved one hundred and thirty during the year.

I would respectfully recommend that a shirt of some light material be adopted as a part of the uniform, as the material now used is too heavy for summer wear.

COMPANY HITCHING.

COMPANIES.	Time to Hitch to Apparatus by Company.	Time to Hitch to Apparatus, Men and Horses on the Floor.	Time to Hitch to Apparatus, Men in Bed.	Distance from Stalls Traveled by Horses.
Engine Co. No. 1	17 Seconds.	5 Seconds.	18 Seconds.	45 Feet.
" " 2	10 "	3 "	14 "	28½ "
" " 3	10 "	4 "	14 "	32 2/17 "
" " 4	14 "	4 "	15 "	31 "
" " 5	13 "	3 "	12 "	38 "
" " 6	13 "	3¼ "	10 "	45 "
" " 7	8 "	2½ "	11 "	29 "
" " 8	13 "	10 "	14 "	43 2/12 "
" " 9	9 "	3 "	9 "	32 "
" " 10	13 "	3½ "	10 "	29 "
" " 11	12 "	2½ "	11½ "	31 "
" " 12	16 "	11 "	10 "	30 "
" " 13	8½ "	2¼ "	9½ "	35 "
" " 14	11½ "	4 "	12 "	36 "
" " 15	9 "	2½ "	10 "	29 "
" " 16	10 "	3 "	12 "	34 "
" " 17	10 "	4 "	12 "	47 "
" " 18	12 "	6 "	13 "	35 "
" " 19	9 "	3 "	9 "	25 "
" " 20	10 "	2½ "	11 "	29 5/12 "
" " 21	12 "	3 "	11 "	34 "
" " 22	12 "	3 "	13 "	32 "
" " 23	11 "	3 "	14 "	34 "
" " 24	12 "	4 "	11¾ "	28 "
" " 25	11½ "	3 "	11 "	40 "
" " 26	16 "	6 "	10 "	53 "
" " 27	14 "	3½ "	12 "	34 "
" " 28	11 "	4 "	12 "	31 "
" " 29	13 "	4 "	14 "	34 "
" " 30	9 "	3 "	11 "	53½ "
" " 31	12 "	9 "	16 "	53½ "
" " 32	9 "	2¾ "	11 "	68 "
" " 33	9 "	2½ "	10½ "	26 "
H. & L. Co. No. 1	9 "	2¼ "	11 "	59½ "
" " 2	10 "	5 "	13 "	55 "
" " 3	12 "	4 "	18½ "	52½ "
" " 4	10 "	3 "	11 "	51 "
" " 5	10 "	4 "	11 "	60 "
" " 6	13 "	4 "	20 "	58 "
" " 7	10 "	3 "	11 "	50 "
" " 8	9 "	3 "	11 "	42½ "
" " 9	10 "	2 "	12 "	68 "
Ch. Eng. Co. No. 1	12 "	4 "	15 "	31 "
" " 2	15 "	10 "	14 "	32 "

Respectfully submitted,

WILLIAM H. MUSHAM,

First Ass't Fire Marshal and Dep't Inspector.

EXHIBIT "D."

FIRE DEPARTMENT REPAIR SHOP,
CHICAGO, ILL., Jan. 1, 1885.

D. J. SWENIE, ESQ.,
Fire Marshal and Chief of Brigade.

SIR:—I herewith submit to you the eighth annual report of the work performed by this branch of the service, the condition of the apparatus of the Department at date, together with such recommendations as I deem necessary.

The following named apparatus have received general repairs and were rebuilt and repainted during the year:

Engines Nos. 4, 10, 12, 18 and 27.
Hose Carriages Nos. 4, 6, 7, 8, 10, 14, 27.
Nine Battalion Wagons.
Five Telegraph Wagons.

One new Supply Wagon and two new buggies for use of the Chiefs of Battalions were constructed during the year.

Three new boilers were constructed and placed on Engines Nos. 4, 10 and 12. These are now in as good, if not better, condition than when first placed in

the service. Engine No. 4, was placed in service at the quarters of Engine Co. No. 33, taking the place of old engine formerly used by that company; and Engine No. 12 was placed in service with Engine Co. No. 24.

The pumps of Engines Nos. 18 and 27 (Piston Engines) were replaced by the cylinders and pumps belonging to old Engines Nos. 13 and 21. These machines are now in first-class condition, and in service with the companies above named. Such improvement I consider of great benefit to the service.

The Engines now in use by Engine Co. Nos. 4 and 28, are new ones, purchased during the year.

I would respectfully recommend that the engines now in service with Engine Cos. No. 9 and 19, be replaced with new ones, as I deem it proper that these present machines should be used as relief engines.

I would again direct your attention to the necessity of procuring new trucks for Hook and Ladder Co.'s Nos. 7 and 8, as the apparatus now in use by these companies are becoming old and unreliable for service with any degree of safety in the future.

During the year, the house No. 36 Chicago avenue, formerly occupied by Hook and Ladder Co. No. 3, has become vacant and has been used for storing appara-

tus. I would suggest that a suitable man be detailed at such house for the responsibility and care, keeping such apparatus for instant use at all times.

Respectfully submitted,

CHARLES S. PETRIE,

Ass't Fire Marshal in Charge of Repair Shop.

EXHIBIT "E."

CHICAGO, ILL., Jan. 1, 1885.

D. J. SWENIE, ESQ.,

Fire Marshal and Chief of Brigade.

SIR:—I have the honor to submit herewith my ninth annual report of the various branches of the City Telegraph (being the twentieth since the introduction of the system) containing facts and conclusions tending to the divers improvements, alterations, extensions, electric lighting, underground, and the general management and condition of the Fire Alarm Department during the year ending December 31, 1884.

NEW CITY HALL.

October 23d, 1884, the headquarters of the City Telegraph were removed from the "old rookery," which had since the fire of 1871 furnished but indifferent accommodations to the service, and established in their present quarters in the new City Hall. In these, the conveniences, equipments and furnishings are unsurpassed by those of any similar undertaking in the world, and the facilities for the accomplishment of objects for which the system was organized, complete in every respect. During the first eight hours of the period occupied in removal there were five first and

one second alarms received at the former office, and transmitted to and sounded from the office in the new City Hall.

Aside from the sanitary improvements perfected in the new office, the additional advantage of light in the latter cannot be too highly commended.

Then there is another improvement which suggests itself to those familiar with the details of the work necessary in this department, and that is the greatly increased advantages obtained in the location of the battery room.

At the old office, this important factor was at some distance from the immediate scene of operations, and comparatively inaccessible.

In the new office it is contiguous to the instruments, and can be reached with the least sacrifice of time or convenience.

The stringing of the office is so arranged as to be comparatively free of danger from accidents, such as short circuits, local crosses, etc., and should accident occur of the character quoted, the delay in reaching and completing repairs of the same would be insignificant.

ALARM STATIONS.

Within the command of the general public, in case of fire, there are situated at the most needful points and in

the most accessible positions, 514 stations, through any of which the party wishing assistance is placed in direct communication with the Fire Alarm office.

Including six stations located in the Stock Yards district, the signal system of the Fire Alarm proper comprises 520 Alarm Stations.

In addition to the foregoing there are 434 Public Police Boxes, any of which may be utilized, though the communication be not direct, the call being received at a Police Station, thence to the general office over a Joker line, making 948 public stations, with the additional 332 private police boxes we have 1,286 stations, from which Fire assistance may be summoned, that are kept in working order by this Department.

FIRE SIGNALS.

There have been received and transmitted 962 first alarms, 33 second alarms, 7 third alarms, 714 still alarms, and 25 special calls, making a total of 1,741 alarms, showing an increase in number of 156 alarms over that recorded for the preceding twelve months.

AERIAL LINES.

There are 358 miles of aerial Fire Alarm wire in service, with a resistance averaging 25 ohms per mile, showing the same to be in good condition, equal to about 64 per cent. of new Ex. B. B. Galvanized iron wire.

The extension of lines during the year has been quite limited, and the amount expended has been principally in the resetting of poles, made necessary by streets being improved, and the general repairs that are essential in order to obtain a high electrical standard, together with the repairs needed in order that the lines may withstand the effects of inclement weather and the many contingencies to which an overhead telegraph system is exposed.

UNDERGROUND WIRES.

Our underground system consists of a conduit, the composition of which is "asphaltum concrete," manufactured in three-feet lengths, of pipe form, with an internal diameter of nine inches, laid in a trench under the street pavement, at a depth varying from 2½ to 5 feet, as circumstances demand. The pipes are connected in the trench and the joints made water tight by an asphaltum cement. They are then continuous until they reach the street intersections, where a man-hole chamber of the same material as the pipe is sunk in the trench a sufficient depth to form part of the conduit, the diameter of which is sufficiently large to permit of two men entering and performing the necessary work, such as drawing in, interconnecting and interchanging. The man-hole chambers are placed at street crossings and in the middle of blocks that are more than 300 feet in length, and inclosed on the top with an iron cover.

An iron pipe 3 inches in diameter and 1,900 feet in length, containing a kerite cable of 25 wires, forms that part of the underground system that extends under the river through the LaSalle street traffic tunnel, connecting on either side with the afore-mentioned conduit.

The connection between the South and West sides through the Washington street traffic tunnel, is completed by the use of two iron pipes, each 3 inches in diameter and 1,875 feet in length, each pipe containing a kerite cable of 25 wires.

The conduit leads from the City Hall to control points in the three divisions of the City.

Single insulated wires are drawn through said conduits, connecting the apparatus in the Central Station with the different stations along the conduit route, and with the air lines at the conduit terminals.

The wires used are composed of a copper core of No. 13 gauge (B. & S.) surrounded by kerite insulation $\frac{7}{32}$ of an inch in thickness, which is wrapped with a fabric tape. The resistance of the wire is 11 ohms per mile, and the resistance of the insulation will average 300 nugohms per mile.

The underground system also includes smaller conduits made of asphaltum pipes, four inches internal diameter, leading from the City Hall to the Washing-

ton and LaSalle street traffic tunnels, to be used for Electric Light conductors, laid with the object in view that some day in the near future the Electric Light would be substituted for the gas now used in lighting the tunnels.

The entire underground system comprises:

7,931	feet Conduit,
4,872	" Iron Pipe.
5,760	" Cable.
36½	Miles Single Wires.
23	Man-hole Chambers.

ELECTRIC REPAIR SHOP.

The importance of having a repair shop connected with this department has been thoroughly demonstrated, preparatory to and during the fitting up of our present office. Under the head of special work made necessary by the removal to new quarters, I will include a testing board, spring jacks, Joker and Telephone line switch board, individual Joker switches, signal line relays, lightning arresters, all being of an original design and built to conform to the wants of the system.

IN GENERAL.

Lightning arresters and attachments for Cable Boxes.

Rewinding sounder coils so as to obtain the same working results with a less number of battery cells,

and remodeling and refinishing old and worn instruments of all kinds.

The electrical condition of lines has been observed and recorded, and the necessary repairs made in order to hold them up to the standard.

JOKERS.

All Fire, Police Patrol, Battalion Chiefs and Marshal quarters are supplied with these instruments, enabling them to receive an alarm of fire simultaneously with the general office. The work performed by these instruments during the year has been very commendable.

TELEPHONE.

All quarters directly and indirectly connected with this Department are placed in the line of direct communication by the telephone system, and in as much as speed of transmission is very essential and the fact that the services of an expert is not required, render this system far more suitable than the code, or any other system heretofore in use. Its practical adaptation to a large Fire Department cannot be overestimated.

KEYLESS DOORS.

I would recommend that the remodeled keyless-doors be substituted for the old keyless-doors, and also for the old key-doors, (as far as means will permit), those in service having given general satisfaction.

ELECTRIC LIGHTING.

In accordance with the provisions pertaining to the Electric Light Ordinance, whereby the governing of same was placed under my jurisdiction, I hereby submit the following:

Number of lights on plants inspected to date	
Arc	1,148
Incandescent	1,185
Total	3,033
Inspection fees collected	$1,336 50

The distribution of the above lights among the various systems operating here is as follows:

Vandepoele	395
Fuller	167
Excelsior	143
Brush	129
Sperry	127
United States	123
Thomson-Houston	47
Western Electric	12
Morava	5
Incandescent	1,885
Total	3,033

Plants which have been installed during the year, included in the above:

Vandepoele	266
Sperry	120
Excelsior	93
Fuller	27
Western Electric	12
Thomson-Houston	35
Total	553

Temporary installations at parks and public buildings during the year, included in the above.

The increase during the past twelve months, as will be seen by the above figures, is almost 100 per cent. for Arc light plants.

The necessity of permanent surveillance over Electric Light plants may be shown by a brief statement of the condition of some of the plants, previous to the passage of the ordinance.

1st.—Wires on which there was no pretense of insulation were placed in direct contact with walls, wooden partitions and the like, and fastened to these by means of uninsulated metal staples. In some instances these were driven through the plastering, and made perfect metallic contact with wire lathing which led to the ground.

2d.—Wires of less capacity than required by the ordinance.

3d.—On the same plant, wires of a variety of conductive capacities, having imperfect and loose connecnections, rendering these liable to form electric arcs at such points, at the same time cutting down the efficiency of the generator.

4th.—Wires from the terminals of the generator—positive and negative—placed dangerously near each other, sometimes cotton covered, insulated with paraffine, etc.

5th.—Wires in close proximity to gas, water, and sewer pipes, iron columns, telegraph, telephone, police and fire alarm wires. In one instance I discovered a metallic contact between an arc light wire and the gas pipe of the building in which the plant was in daily service. This ground connection was entirely hidden from sight, between the ceiling and the floor, and had been in existence some eighteen months, during the entire life of the plant.

It was not known to the company whose lights were being used, nor suspected by any one.

The explanation of such imperfect and dangerous work may be found in the fact that sharp and close competition between rival companies has required the most rigid economy in doing the work, and in some cases has led to the employment of unskilled persons. In addition to this the danger from electric light cur-

rents was not as thoroughly appreciated then as now, and less care was considered necessary at the time of their installations. Want of knowledge was probably a more important factor in this faulty work than criminal carelessness.

With a more general appreciation of the necessities of the case a far better condition of things exists to-day, and I am pleased to be able to testify to a very general acquiescence in, and submission to the requirements of the law on the part of the agents and employes of the several companies.

Evidences are abundant, showing a large prospective increase in Electric Lighting during the coming year. The system of underground conduits which is just now being inaugurated will greatly facilitate and encourage the establishment of extensive Central Stations, from which radiating wires will enable all within reasonable distances from the generators to avail themselves of lights at far less cost and annoyance than can be possible by any other method. In addition to this, parties owning the Central Station can afford, and must have, the best of skilled labor in charge of the mechanical and electrical departments of the plant, to guarantee satisfaction to consumers.

A few words are perhaps admissible on the moral effect of electric lights, which it would seem is greatly in their favor. Before its rays the worst elements of

society shrink and flee, to hide in less public localities. In neighborhoods where these lights are frequent and in considerable numbers, merchants have repeatedly spoken to me of the quiet, constant purifying influence exerted by the flood of light, in localities where previously, the fall of night had been the signal for the gathering of some of the worst classes of society, of both sexes.

During the year but one accident has occurred that has come to my knowledge. Mr. Charles Taylor, engineer of the plant at the Globe Hotel, on the evening of October 21st, was found in the engine room, about twelve feet from the dynamo, lying upon his face, dead.

Mr. Taylor was working under instructions, learning to run the plant, and was frequently warned of the necessity of using the utmost caution in approaching and handling the lamps and the other apparatus, until he should thoroughly comprehend the situation. In company with others he had been doing some work in the engine room, previous to his supper, and returned to continue his shoveling around the catch basin. When found, it seemed evident that he fell with the shovel in his hand, as the parties who discovered the corpse inform me that the shovel lay at his side when found.

It is unfortunate that he was alone at the time of his

decease, as the particulars of his death must ever remain a mystery. This plant was one which, owing to a multiplicity of duties pressing upon me at other points, I had been unable to reach, up to that time. On a thorough examination of the plant I found it in a perfectly safe condition, and I am forced to the belief that the sad accident must have been the result of extreme carelessness on the part of the unfortunate victim.

HOUSE OF CORRECTION.

The line and instruments connecting House of Correction with this general office are in good condition, and the service rendered during the year has been very effective.

SMALL POX HOSPITAL.

The line connecting Board of Health, Pest House, Police Headquarters and Fire Alarm office is in good working order, and the results of the year's service have been quite satisfactory.

WATER DEPARTMENT.

The lines connecting Quarters of Supt. of Public Works, North Side Water Works, Crib, Fullerton Avenue Pumping Works, West Side Water Works and Police Headquarters, are in good condition and very satisfactory service has been rendered.

POLICE TELEGRAPH.

The work performed and money expended upon this branch of the system during the year was merely sufficient to maintain it. No extensions were made; the lines and instruments are in fair condition and the service rendered has been effective.

POLICE PATROL.

The results derived from this branch of the system during the year have been of such a nature as to sustain its former good reputation.

Almost weekly we are called upon by visiting delegations from different cities in quest of knowledge in regard to its operation and worth, and in every instance, as far as I have learned, they have expressed themselves as favorably impressed with its workings, and the reports made to their respective cities have invariably been in favor of its adoption.

The lines and instruments pertaining to the service are in good condition. Fifty-four additional street boxes and thirty-six private boxes have been placed in service, making a total of 434 street boxes and 332 private boxes.

For a detailed statement of the various duties and services performed by this branch of the system I respectfully call your attention to the annual report of the Superintendent of Police.

The following is a copy of the principal services performed by the Patrol Wagons:

857,084	Reports received from Policemen.
23,921	Alarms responded to.
14,592	Arrests made.
1,188	Fires attended.
56,087	Miles traveled.
506	Causeless alarms.
1,200	Sick and injured persons taken to Hospital.
879	Sick and injured persons taken to residence.
296	Sick and injured persons taken to Stations and cared for.
273	Dead bodies taken to Morgue.
92	Dead bodies taken to residence.
3,256	Disturbances suppressed without arrests.
321	Insane persons cared for.
264	Destitute persons cared for.
4	Destitute persons taken to County Agents.
960	Miscellaneous runs.
6,359	Prisoners taken to Division Police Courts.
1,651	Prisoners taken to County Jail.
271	Packages of stolen property recovered.
315	Lost children taken to parents.
31	Mad or crippled animals killed.
19	Runaway horses overtaken and stopped.
11	Stolen horses recovered.
80	Abandoned children taken to Foundlings' Home.

25 Persons rescued from drowning.
89 Inebriates taken to Washingtonian Home.
2 Inebriate women taken to Martha Washington Home.
34 Wayward girls taken to House of Good Shepherd.
6 Wayward girls taken to Erring Woman's Refuge.
22 Destitute children taken to Home of the Friendless.
23 Destitute children taken to St. Vincent's Orphan Asylum.

I desire to express my gratitude to the Superintendent of Police for his valuable assistance tending to promote the perfection of this system.

At your suggestion, I have given due consideration to the matter of distributing alarms to the different fire quarters between the hours of 10 o'clock p. m. and 6 o'clock a. m., so as not to disturb the sleeping members of any company than those whose duty it is to respond.

I have devised a plan for the purpose, one comparatively free from complication, and attended by only a slight expense, whereby the required service may be rendered.

The number of the station from whence the call is

sounded will be recorded on the fillet of the joker registers at the different quarters. The noise accompanying the working of registers while printing said record will not be of such a nature as to disturb the occupants of the dormitory, but so as to attract the attention of the member performing watch service on the ground floor, who, upon ascertaining from said record that the service of his company is required will, by the moving of a switch, instantaneously place in circuit the entire local contrivances in use at the present time for releasing and notifying purposes. The devices necessary to the performance of such service are now being completed, and within a few weeks will be placed, subject to your approval, at the several quarters.

I would respectfully call your attention to a suggestion contained in my former reports that I consider of grave importance and worthy of the earliest possible consideration, in relation to extending our present telegraph system so as to locate an alarm call in some conspicuous and convenient place inside of Public Halls, Public Schools and Public Buildings, so that when a fire is discovered, assistance may be called for without delay.

Scarcely a week has passed in the last year that the papers have not contained a report of a fire in some Public building, attended by loss of life, fortunately we have not been afflicted with any such lamentable

consequences, and it is noticeable that in almost every instance there has been a delay of from 20 to 30 minutes, between the discovery of the fire and the sounding of the alarm, during which time the fire has made such headway as to prevent the escape of the inmates, and to place it beyond the control of the Fire Department.

The members of the Fire Department Repair Shop are entitled to a word of recognition for the performance of their work, which has been accomplished in the most skillful manner possible.

I also extend thanks to the Chief Operator, operators and repairers, for the valuable assistance rendered this Department.

In conclusion, I desire to express my thanks to you, sir, as Chief, and the officers and members of the Department, for your earnest and cheerful co-operation in all matters pertaining to the welfare of the City Telegraph.

Annexed is a tabulated statement of alarms received and transmitted during the year.

Respectfully submitted,

JOHN P. BARRETT,

Superintendent.

TABLE No. 1,

Showing Number of Alarms for each Hour of the Day during the Year.

1884.	A. M.												Total in A. M.	P. M.											Total in P. M.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12	
January	7	8	3	8	5	3	4	4	12	10	6	7	77	6	6	7	8	4	17	19	15	10	12	10	6	120	197
February	7	6	4	--	--	4	--	1	5	2	1	2	32	2	5	9	4	5	6	5	4	6	9	4	6	65	97
March	4	3	4	6	1	4	1	6	9	5	6	2	51	7	1	5	8	6	8	18	4	5	8	7	3	80	131
April	2	8	1	3	2	1	--	2	6	6	6	9	46	6	5	2	3	7	4	3	9	9	8	5	7	68	114
May	3	2	7	7	3	--	7	3	3	6	5	5	51	8	8	14	7	3	3	8	7	7	6	3	14	88	139
June	10	9	7	4	1	2	--	2	5	2	6	5	53	4	6	7	9	6	5	2	5	4	10	4	8	70	123
July	5	13	--	7	3	3	2	3	6	5	5	5	57	5	6	5	2	6	8	5	7	8	10	7	5	74	131
August	2	6	7	8	7	2	5	1	1	6	6	6	57	6	7	7	6	6	6	8	8	13	9	11	10	97	154
September	6	5	1	7	2	1	--	3	2	2	5	5	39	2	6	6	10	3	8	11	10	6	5	3	11	81	120
October	7	10	5	7	2	2	3	4	6	7	8	5	66	5	7	10	3	18	17	11	8	8	8	6	5	106	172
November	7	9	2	6	2	5	3	4	6	4	9	5	62	9	1	5	8	8	14	8	7	9	11	5	6	91	153
December	5	5	2	10	5	4	1	1	6	5	4	9	57	10	6	12	3	16	16	15	14	16	5	8	7	128	185
Total	65	84	43	73	33	31	26	34	67	60	67	65	648	70	64	89	71	88	112	113	98	101	101	73	88	1,068	1,716

TABLE No. 2,

Showing Number of Alarms each Month and Day of the Week during the Year.

1884.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Sunday	28	18	20	15	23	18	15	20	18	18	22	22	237
Monday	25	13	19	18	12	17	17	19	17	29	29	22	237
Tuesday	22	10	16	15	10	13	23	21	17	14	23	22	206
Wedn'sday	32	12	21	16	22	13	18	22	17	23	27	34	257
Thursday	34	18	16	18	28	26	25	19	17	35	10	29	275
Friday	25	15	19	13	26	17	18	18	15	24	14	26	230
Saturday	31	11	20	19	18	19	15	35	19	29	28	30	274
Total	197	97	131	114	139	123	131	154	120	172	153	185	1,716

TABLE No. 3,

Showing Number of Alarms from each Box during the Year.

Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Box.	Alarm.	Total.
12	--	43	7	75	2	121	8	152	1	187	--	261	1	294	1	339	1	372	6	419	1	456	2	494	--	556	--	632	--	792	3	844	2	922	6	1215	--	----
D12	1	44	2	76	5	122	1	153	1	188	--	262	--	295	4	341	1	373	--	421	6	457	1	497	--	557	5	D632	--	793	--	845	--	924	1	1216	--	----
13	--	45	--	77	1	123	--	154	--	192	2	263	--	296	2	342	1	374	3	422	1	458	1	498	1	558	5	634	--	811	1	846	3	925	3	1217	1	----
14	1	46	1	81	2	124	3	155	--	193	3	264	4	297	1	343	--	375	1	423	4	459	1	511	1	561	5	644	2	812	1	847	--	926	--	----	--	----
15	2	47	5	82	5	125	2	156	--	199	2	265	--	311	1	344	4	376	3	424	1	461	--	512	--	562	1	645	--	813	--	D847	--	927	--	----	--	----
16	5	48	1	83	7	126	2	157	5	211	--	266	1	312	3	345	1	377	5	425	6	462	1	513	1	563	1	655	--	814	1	851	2	931	2	----	--	----
17	1	49	--	84	--	127	3	158	2	212	1	267	1	313	2	346	1	378	7	426	1	463	--	514	2	564	3	656	--	815	1	852	--	932	2	----	--	----
18	5	51	1	85	2	128	1	159	2	214	1	268	--	314	1	347	3	381	12	427	3	464	1	516	1	565	--	657	--	816	5	853	1	933	3	----	--	----
19	--	52	--	86	--	129	1	161	2	217	1	269	3	315	6	348	4	382	6	428	1	465	2	518	--	568	--	677	--	D816	2	854	--	934	--	----	--	----
21	3	53	--	87	4	131	2	162	1	218	3	271	5	316	3	349	10	383	2	429	1	466	--	519	3	571	--	721	1	817	2	855	1	935	2	----	--	----
22	5	54	5	88	2	132	2	163	--	219	1	272	4	317	1	351	2	384	2	431	1	467	--	D519	--	574	--	722	--	818	--	861	6	936	--	----	--	----
23	--	55	6	89	9	133	3	164	--	221	1	273	1	318	1	352	--	385	4	432	2	471	--	521	--	D574	--	752	1	819	1	862	1	942	1	----	--	----
24	1	56	3	91	1	134	1	165	--	222	--	274	3	319	--	353	2	386	1	433	1	472	--	522	2	575	--	753	--	822	1	863	5	943	--	----	--	----
25	3	57	6	92	1	135	1	166	2	223	--	275	5	321	4	354	1	387	--	434	3	473	--	524	--	576	--	754	--	823	--	864	--	944	1	----	--	----
26	4	58	3	93	--	136	--	167	--	224	1	276	7	323	2	355	6	391	2	435	--	474	--	527	--	581	1	755	2	824	4	871	--	945	--	----	--	----
27	4	59	--	94	1	137	1	168	--	226	3	277	1	324	2	356	--	392	--	436	--	475	1	528	--	582	--	756	10	825	1	872	--	951	2	----	--	----
28	7	61	--	95	1	138	1	169	--	227	1	278	10	325	2	357	1	393	3	437	5	476	--	529	3	583	--	761	3	826	--	873	--	952	--	----	--	----
29	8	62	1	96	3	139	3	171	--	228	1	279	3	326	4	358	1	394	4	438	--	477	1	531	2	584	1	762	4	827	3	881	2	954	2	----	--	----
31	4	63	3	97	1	141	1	172	--	231	1	281	2	327	4	359	--	395	1	439	2	478	--	532	2	585	3	763	3	828	1	882	1	961	--	----	--	----
32	3	64	7	98	--	142	1	174	1	232	1	282	5	328	7	361	2	396	--	441	1	479	--	533	--	591	--	764	2	831	5	891	--	963	--	----	--	----
33	3	65	3	99	2	143	3	175	--	233	1	283	1	329	2	362	2	397	--	442	2	481	--	534	1	592	2	765	10	832	--	911	3	964	1	----	--	----
34	--	66	--	112	2	144	1	176	10	234	3	284	--	331	5	363	4	411	--	445	1	482	--	535	2	593	--	771	5	833	1	912	1	971	--	----	--	----
35	5	67	4	113	--	145	3	177	1	235	1	285	--	332	7	364	1	412	3	446	1	483	--	536	1	597	1	772	1	834	1	913	--	972	--	----	--	----
36	7	68	7	114	4	146	1	178	3	236	2	286	3	333	6	365	--	413	5	449	--	484	2	537	3	611	1	773	2	835	--	914	2	981	--	----	--	----
37	11	69	2	115	2	D146	--	179	--	237	--	287	7	334	7	366	3	414	--	451	2	485	3	541	--	618	--	774	2	836	1	915	3	985	2	----	--	----
38	1	71	5	116	2	147	2	181	1	241	--	288	1	335	10	367	1	415	1	452	1	486	3	542	3	619	1	781	1	837	1	916	2	986	--	----	--	----
39	5	72	5	117	1	148	--	182	3	243	--	291	13	336	1	368	9	416	--	453	5	491	1	543	--	621	--	782	1	841	--	917	--	1212	1	----	--	----
41	--	73	5	118	3	149	--	183	1	244	1	292	5	337	4	369	3	417	5	454	2	492	1	549	8	622	2	783	--	842	5	918	1	1213	--	----	--	----
42	6	74	2	119	--	151	4	184	1	248	1	293	1	338	1	371	2	418	6	455	3	493	1	551	--	631	--	791	3	843	3	921	1	1214	--	----	--	----
Total.	95	----	84	----	63	----	51	----	37	----	32	----	87	----	94	----	66	----	82	----	57	----	22	----	36	----	32	----	53	----	44	----	40	----	26	----	1	1002

SALARIES.

Fire Marshal and Chief of Brigade	$4,500 00
First Asst. Fire Marshal and Dept. Inspector	3,300 00
Asst. Fire Marshal and Dept. Secretary	3,200 00
Fire Inspector	2,000 00
Chief of Battalions, each	2,000 00
Clerks	1,200 00
Captains	1,200 00
Lieutenants	1,050 00
Engineers	1,200 00
Assistant Engineers	1,000 00
Pipemen, Truckmen and Drivers, 1st class	1,000 00
" " " " 2nd class	900 00
" " " " 3d class	800 00
Watchmen	756 00
Supt. of Horses	1,575 00
Supt. of Fire Alarm Telegraph	3,500 00
Chief Operator	2,250 00
Operators	1,500 00
Inspector Electric Lights	1,000 00
Repairers	1,050 00
Linemen	900 00
Batteryman	900 00

DEPARTMENT OF PUBLIC INSTRUCTION,

CITY OF CHICAGO.

Thirtieth Annual Report

OF THE

BOARD OF EDUCATION,

FOR THE

YEAR ENDING JUNE 30, 1884.

CHICAGO:
GEO. K. HAZLITT & CO., BOOK AND JOB PRINTERS, 172 AND 174 CLARK STREET.
1885.



OGDEN SCHOOL BUILDING,

CHESTNUT STREET, BET. STATE AND DEARBORN STREETS.

For Floor Plans of this Building, see Report of Com. on Buildings in I. Com. Appendix.

BOARD OF EDUCATION,

CITY OF CHICAGO.

Office, 85 Fifth Av., between Randolph and Washington Streets.

ADOLF KRAUS, *President.* GRAEME STEWART, *Vice-President.*

GEORGE HOWLAND, *Secretary.*

NAME.	ADDRESS.	TERM EXPIRES.
THOMAS BRENAN,	*County Treasurer's Office,*	1884.
NORMAN BRIDGE,	*550 W. Jackson Street,*	1884.
JAMES T. HEALY,	*Oriental Block, Room 18,*	1884.
ADOLF KRAUS,	*77 Clark Street, Room 12,*	1884.
WILLIAM FLOTO,	*104 Franklin Street,*	1884.
CONRAD L. NIEHOFF,	*49 LaSalle Street,*	1885.
PAUL O. STENSLAND,	*235 Milwaukee Avenue,*	1885.
FRANK A. STAUBER,	*718 Milwaukee Avenue,*	1885.
ALLAN C. STORY,	*Metropolitan Block, Room 23,*	1885.
JOHN W. GARVY,	*325 Loomis Street,*	1885.
*ELBRIDGE G. KEITH,	*100 Wabash Avenue,*	1886.
GRAEME STEWART,	*1 Michigan Avenue,*	1886.
JAMES R. DOOLITTLE, JR.	*Howland Block, Room 31,*	1886.
FRANK WENTER,	*W. 14th St., East of Canal St.,*	1886.
PETER CONLAN,	*121 N. Market Street,*	1886.

GEORGE HOWLAND,	Superintendent of Schools.
EDWARD C. DELANO,	1st Assistant Sup't of Schools.
JOHN C. BURROUGHS,	2d Assistant Sup't of Schools.
SHEPHERD JOHNSTON,	Clerk.
MATTHEW B. HICKS,	Business Agent.
MICHAEL J. DUNNE,	Attorney.
CHARLES C. CHASE,	School Agent.
JOHN A. GUILFORD,	Book-keeper.
JOHN W. FOSTER,	Assistant Clerk.
FRED. VOGT,	Messenger.

*Mr. Keith resigned in May, 1884, and the vacancy was filled by the appointment of Mr. John M. Clark.

STANDING COMMITTEES.

Buildings and Grounds:

STENSLAND, BRIDGE, WENTER.

Apparatus and Furniture:

WENTER, GARVY, STAUBER.

Janitors and Supplies:

STAUBER, STEWART, STENSLAND.

School Fund Property:

*KEITH, STORY, HEALY, GARVY, NIEHOFF.

Finance and Salaries:

NIEHOFF, BRENAN, STORY.

Special Funds and Prizes:

CONLAN, *KEITH, BRENAN.

Teachers:

THE PRESIDENT, STEWART, FLOTO, DOOLITTLE, BRENAN, AND THE SUPERINTENDENT.

Text Books and Course of Instruction:

DOOLITTLE, *KEITH, FLOTO.

High Schools:

BRIDGE, STORY, DOOLITTLE.

Evening Schools:

HEALY, CONLAN, WENTER, STAUBER, STENSLAND.

Music and Drawing:

STORY, DOOLITTLE, BRIDGE.

German:

FLOTO, NIEHOFF, WENTER.

Deaf Mute Schools:

BRENAN, STAUBER, CONLAN.

District Boundaries:

GARVY, NIEHOFF, HEALY.

Judiciary:

STORY, DOOLITTLE, *KEITH.

Publication:

FLOTO, STEWART, GARVY.

Rules and Regulations:

STEWART, BRENAN, STENSLAND.

Sanitary Affairs:

BRIDGE, HEALY, CONLAN.

*Upon the resignation of Mr. Keith, in May, 1884, Mr. John M. Clark was appointed a member of the various Standing Committees of which Mr. Keith had been a member.

COMMITTEES ON SCHOOLS.

SCHOOL.	COMMITTEE.
Armour Street,	P. O. Stensland.
Brighton,	J. T. Healy.
Brown,	G. Stewart.
Burr,	F. A. Stauber.
Calumet Avenue,	J.R. Doolittle, Jr.
Carpenter,	P. O. Stensland.
Central Park,	N. Bridge.
Clarke,	J. W. Garvy.
Cottage Grove,	J.R. Doolittle, Jr.
Division and Cleaver Street,	F. A. Stauber.
Dore,	F. Wenter.
Douglas,	*E. G. Keith.
Elizabeth Street,	G. Stewart.
Foster,	C. L. Niehoff.
Fourteenth Street, W.,	T. Brenan.
Franklin,	W. Floto.
Garfield,	F. Wenter.
Haven,	J. R. Doolittle, Jr.
Hayes,	G. Stewart.
Headley,	A. C. Story.
Holden,	J. T. Healy.
Huron Street,	P. Conlan.
Irving,	C. L. Niehoff.
Jackson Street, W.,	N. Bridge.
Jones,	F. Wenter.
Keith,	*E. G. Keith.
King,	N. Bridge.
Kinzie,	P. Conlan.
La Salle,	A. C. Story.

Lawndale,	N. Bridge.
Lincoln,	A. C. Story.
Lincoln Street,	P. O. Stensland.
Longfellow,	J. W. Garvy.
Marquette,	G. Stewart.
Moseley,	*E. G. Keith.
Newberry,	A. C. Story.
Oak Street,	W. Floto.
Oakley,	F. A. Stauber.
Ogden,	W. Floto.
Pearson Street,	P. Conlan.
Pickard,	J. W. Garvy.
Polk Street,	C. L. Niehoff.
Raymond,	J.R. Doolittle, Jr.
Sangamon Street,	P. O. Stensland.
Scammon,	C. L. Niehoff.
Sheldon,	P. Conlan.
Sheridan,	J. T. Healy.
Skinner,	T. Brenan.
Third Avenue,	F. Wenter.
Thirteenth Street, W.	T. Brenan.
Throop,	T. Brenan.
Vedder Street,	W. Floto.
Wallace Street,	J. T. Healy.
Walsh,	J. W. Garvy.
Ward,	J. T. Healy.
Washington,	P. O. Stensland.
Webster,	*E. G. Keith.
Wells,	F. A. Stauber.
Wentworth Avenue,	J.R. Doolittle, Jr.
Wicker Park,	F. A. Stauber.

*Mr. Clark served as Committee on this School after the resignation of Mr. Keith.

REPORT OF THE PRESIDENT.

REPORT

OF THE

PRESIDENT.

To the Board of Education of the City of Chicago:

GENTLEMEN:—Believing that the work accomplished during the last school year will be creditable to the Board, I take pleasure in herewith submitting a report of the property, finances and condition of the Public Schools of your city for the year ending June 30th, 1884, and also make use of my privilege to submit a few suggestions and recommendations.

SCHOOLS.

As the city increases in population, the school attendance naturally increases, also the number of teachers, and, consequently, the expenditures. The following table will show the total enrollment of pupils, average daily membership, number of teachers employed, and other facts of interest, together with a comparison with last year's enrollment, etc. :

	For the Year Ending June 30, 1883.	June 30, 1884.	Increase.
Total enrollment of pupils	72,509	76,044	3,535
Average daily membership	55,890	59,374	3,484
Number of teachers employed	1,107	1,195	88
Teachers' pay roll for month of June	$ 80,343.56	$ 87,103.56	$ 6,760.00
Total amount paid superintendents and teachers during the year	771,065.37	843,265.22	72,199.85
Total amount paid engineers and janitors during the year	62,788.53	69,173.58	6,385.05
Amount paid office employes, attorney and school agent	12,353.30	*11,790.74	Decrease.
Total expenditures on account of salaries	846,207.10	924,229.54	78,022.44
Average cost per pupil on salaries and incidentals based on average daily membership	16.55	16.90	.35
Number of half-day pupils at close of year	12,919	12,641	Decrease.
Number of pupils in rented rooms	1,088	1,278	190
Number of Principals	60	62	2

SCHOOL BUILDINGS.

It is a notorious fact that we have not sufficient school buildings to properly accommodate all the school children. This is not a new evil, but one of many years' standing. In looking over the old reports, I find that nearly every President has called attention to the necessity of providing increased school accommodations. To do so in this report would be only to follow in the beaten track and would do no good, for I know that all the members of the Board fully understand and appreciate the position, and are desirous of remedying the evil, as far as lies in their power. As the Board cannot complain of not having funds enough to erect new buildings,—for the City Council has, for the past few years, allowed the Board all the money it

*The decrease in the amount paid to office employes arises from the fact, that in the amount of this item for the year ending June 30th, 1883, there is included three months' salary for Architect. The Architect is now paid by the building, and not on a salary. The salaries of teachers and employes of the Board are about the same as last year.

asked for,—the question will naturally arise, how can the lack of school accommodations be explained if the Board does its duty? Shortly after the Chicago Fire, the Board as now constituted was organized under the law which then went into force. The Board at that time found a great lack of school accommodations left to it as an inheritance by previous Boards, while in addition thereto many school buildings were destroyed by fire, there being but two left in the North Division of the city. This deficiency of school accommodations has been increased every year by the rapid growth in the school population of the city, and the Board has been unable, up to the present time, to meet the demand. Without desiring to reflect upon the Committee on Schools of the City Council, I will say that it is my opinion that this Committee ought to answer for the fact that we have not enough schools, rather than this Board. The Board has the full and sole power to control the schools, but cannot purchase school sites without the consent of the City Council. When the Board recommends the purchase of a site to the City Council, the communication is referred to the Committee on Schools. I can see no reason why the Committee ought not to be able to report to the Council within one or two weeks; yet it has often happened that the Committee did not bring in a report for five or six months, although this year,—while Mr. Sullivan was Chairman of the Committee,—there was

not so much ground for complaint as in previous years. In the meantime this Board must wait.

It needs no argument to convince one that such a delay is injurious to the interests of the city. Our records will show that owing to this delay bidders have withdrawn their bids, and the Board has had to re-advertise. This delay also injures the city in another way. I have been given to understand that many real estate dealers refuse to bid on school sites on that account, not desiring to follow up their bids in the Council for months. My object in writing this is to call the attention of the Committee on Schools of the City Council to this matter in such a manner as to impress on their minds the necessity of speedy action, for I am satisfied that with the full co-operation of said Committee, the Board can and will, in three years, accommodate all children of school age. During the last year, the following new school buildings were opened :

NORTH DIVISION.

North Division High School Building:—This building was opened at the beginning of the school year. The North Division High School had previously been located in the Sheldon School building, and upon the opening of the new building and the removal of the school thereto, the rooms previously occupied by this school were, at the opening of the school year, occupied by a portion of the pupils of the Ogden School, the Ogden School building having been torn down immediately after the close of the school in June, 1883,

to make way for a new building with increased accommodations.

Ogden School Building:—Contracts for the erection of a new building of eighteen rooms, to take the place of the twelve room building which was erected shortly after the great fire, were awarded just before the close of the school year 1882-'83. The old building was taken down immediately after the close of the school in June, 1883, and the work on the new building was at once proceeded with. The building was finished and opened on May 5th, 1884. During the time of the erection of the new building, the pupils of this District were accommodated in the rooms of the Sheldon School building vacated by the North Division High School pupils, in rooms on the first floor of the new North Division High School building, and in rented rooms in the north side Turner Hall.

SOUTH DIVISION.

The South Division High School Building:—Located on the corner of Wabash Avenue and Twenty-sixth Street, was opened in January, 1884. The pupils of this school had been previously accommodated in the new Moseley School building, thereby overcrowding not only the Moseley School but also the Schools of the neighboring Districts. The opening of the new building, however, afforded relief.

The Keith School Building:—A fifteen room building located on the corner of Dearborn and Thirty-fourth Streets. It was opened January, 1884, and thereby the Raymond and Douglas Schools were relieved.

The Webster School Building:—A fifteen room building located on the corner of Wentworth Avenue and Thirty-third Street was also opened in January, 1884. This building has partially relieved the Ward, the Wallace Street, the Sheridan and the Raymond Schools.

Wentworth Avenue School:—During the year, an old frame building, which accommodates two divisions of pupils, was purchased, removed to the Wentworth Avenue School lot and fitted up, thereby giving partial relief to this crowded school.

WEST DIVISION.

The New Wells School Building:—During the last year, two lots located north of and adjoining the Wells School lot on Ashland Avenue corner Cornelia Street, were purchased, and a fifteen room building has been erected on the north end of the lot. The new building was finished and opened in February, 1884, and was filled up in the course of a few weeks; it was found necessary to open double divisions before the end of the year.

The Lawndale School Building:—An eight-room building, two stories, was opened at the beginning of the school year. It is located on the corner of Central Park Avenue and Twenty-Sixth Street. This School had been, for many years, very poorly accommodated in rented rooms in the basement of a church building.

BUILDINGS IN COURSE OF CONSTRUCTION.

During the school year just closed, contracts for the construction of the following new school buildings were awarded by the Board:

NORTH DIVISION.

On the lot corner of Center and Burling Streets, a fifteen-room building to be known as the *Arnold School*, to be heated by furnaces. Cost $46,429.00. Contracts were awarded May 29, 1884. This building will relieve the Newberry, Lincoln and Headley Schools.

On the lot corner Cass and Illinois Streets, a fifteen-room building known as the *Thomas Hoyne School.* Contracts were awarded June 12, 1884. Building to be heated by steam. Cost $50,100.55, including heating apparatus. This building will relieve the Kinzie and Ogden Schools, and will furnish accommodations for the pupils from the northern part of the South Division of the City.

SOUTH DIVISION.

On the lot on Lime Street, south of Archer Avenue, a fifteen-room building, to be known as the *Brenan School.* Cost $44,156.00. Contracts were awarded June 12, 1884. This building will relieve the Sheridan and Holden Schools.

The Board have had under consideration the matter of school accommodations in the northern part of the South Division of the City. The sale of the Third Avenue School property to the Chicago and Western Indiana Rail Road Company, which was

consummated before the close of the school year 1882–83, by the terms of which the Board are to give possession of the school building at the close of the school year 1884–85, rendered it absolutely necessary that some steps should be taken for the accommodation of the pupils attending this school. After much deliberation and a very careful consideration of the whole subject, it was decided to take down the old Haven School building, located on Wabash Avenue at Fifteenth Street, and erect in its stead a new building of twenty-four rooms. The contracts for the erection of this building were awarded after the close of the school year covered by this report. The old Haven School building has been torn down, and the new building is progressing rapidly.

WEST DIVISION.

On the lot corner Walnut and Paulina Streets, a fifteen-room building, heated by steam, to be known as the *Emerson School*. Cost $52,915.70. Contracts were awarded April 24, 1884. This building will relieve the Brown and Elizabeth Street Schools.

On the lot corner Laflin and Nebraska Streets, a fifteen-room building, to be heated by steam, to be known as the *Jefferson School*. Cost $53,595.00. Contracts were awarded April 24, 1884. This building will relieve the Clarke and West Thirteenth Street Schools.

On Snell Street, south of Chicago Avenue, a fifteen-room building, heated by furnaces, to be known as the *Motley School*. Cost $46,309.00. Contracts were

awarded May 29, 1884. This building will relieve the Carpenter, Armour St. and Wells Schools.

On the corner of Hirsch and Rockwell Streets, a fifteen-room building, heated by furnaces, to be known as the *Von Humboldt School.* Cost $46,651.20. Contracts were awarded May 29, 1884. This building will relieve the Wicker Park School.

On the lot formerly occupied by the Holstein Branch of the Wicker Park School, on Cortland Street, between Leavitt and Oakley Streets, a twelve-room building, to be known as the *Knud Langland School*, to be heated by furnaces. Cost $37,114.50.

The above is not a bad showing. Much more work has been accomplished in this direction during the last year than during any that has preceded. That so much work has been accomplished is mainly due to the untiring efforts and zeal of the Committee on Buildings and Grounds. It ought not to be considered out of place if I take this opportunity to thank the gentlemen who composed said Committee, Messrs. Stensland, Bridge and Wenter, for their good work, because it is the only pay they will get for the valuable time they devoted in this behalf.

This Committee had charge not only of the construction of buildings, but also of the purchasing of sites. The Board during this year has wisely changed the duties of the Committee and divided the labor more equitably. There is now a Committee on Sites and another

on Buildings. In this way more can be accomplished; and if the Committees and the Board will work as earnestly in the future as they have in the past year, and succeed in having the hearty co-operation of the Committee on Schools of the City Council, the standing complaint of lack of school accommodations will soon be a thing of the past.

The question of the proper ventilation of school buildings has given the Board more or less trouble. Some of the new school buildings are so thoroughly ventilated that in very cold weather it is almost impossible to get the temperature to the proper degree, while again some of the old school buildings might have a little more ventilation without any injury. Although the Board has now in its employ an Architect who has given fair satisfaction to the Board, and who is probably fully competent to solve the problem of proper ventilation of school buildings, yet it might not be a bad idea if the Board were to offer a premium for the best plan for ventilation of school buildings and allow all Architects, who might so desire, to compete.

For devoting so much space to this part of my report I can only offer the apology that, like my predecessors, I also consider this subject of great importance.

SCHOOL SITES.

The following school sites were purchased during the year:

NORTH DIVISION.

Corner Cass and Illinois Streets, 150 by 109 feet, at a cost of $33,000.00; to be occupied by the Thomas Hoyne School.

Corner Center and Burling Streets, 198 by 124 feet, at a cost of $11,888.00; to be occupied by the Arnold School.

WEST DIVISION.

Corner Walnut and Paulina Streets, 157 by 112 feet, at a cost of $14,000, to be occupied by the *Emerson School.*

On Snell Street, south of Chicago Avenue, 200 by 100 feet, at a cost of $8,208, to be occupied by the *Motley School.*

Corner of Hirsch and Rockwell Streets, 200 by 125 feet, at a cost of $4,694, to be occupied by the *Von Humboldt School.*

Corner Nebraska and Laflin Streets, 200 by 104½ feet, at a cost of $7,575, to be occupied by the *Jefferson School.*

In addition to these, the Board asked the City Council for its concurrence in the purchase of the following sites :

Site on southeast corner of Plum and Laflin Streets, 165.31 x 111.22 feet, for $9,092. This recommendation was presented to the City Council, December 31, 1883, and the purchase of the site was authorized by the Council, March 3, 1884. Owing, however, to the opposi-

tion of property owners to the location of a school in this vicinity, the purchase of this site has not been consummated.

Site on southeast corner of Polk and Norton Streets, 162 x 105½ feet, for $14,000. This recommendation was presented to the City Council December 31, 1883. The Committee on Schools reported favorably on its purchase, February 4, 1884. At the meeting of March 3, 1884, the Council recommitted the matter to the Committee on Schools, who again reported favorably on its purchase, April 18, 1884. The consideration of the report was laid over, and was not again taken up and acted on till October 3, 1884, when the recommendation for the purchase of the site was returned to the Board with instructions to re-advertise for proposals. The Board re-advertised for proposals, and received but one response, which was for the same property previously recommended to and rejected by the Council. The purchase of the site was again recommended to the City Council by the Board, and no report has yet been made by the Committee on Schools.

Site on Forquer Street, between Jefferson and Desplaines Streets, 175 x 107½ feet, for $15,750. This recommendation was presented to the City Council February 4, 1884. The Committee on Schools reported favorably on the purchase of the site, April 18, 1884. The Council at their meeting of April 21, 1884, did not concur in the report of the Committee, but voted

to return the recommendation to the Board, with instructions to re-advertise for proposals.

Site on corner of Robey and Twentieth Streets, 150 x 125 feet, for $4,200. This recommendation was presented to the City Council, December 31, 1883. The Committee on Schools reported adversely to the purchase of the site, and the Council at the meeting of March 3, 1884, voted to return the recommendation to the Board, with instructions to re-advertise for proposals.

Site on West Nineteenth Street, west of and near Ashland Avenue, 175 x 125 feet, for $6,055. This recommendation was presented to the City Council, December 31, 1883. The Committee on Schools reported favorably on the purchase of the site, February 4, 1884. At the meeting of March 3, 1884, the Council returned the recommendation for the purchase of this site to the Board, with instructions to re-advertise for proposals.

Site on Warren Avenue, west of Oakley Avenue, 144 x 126 feet, for $14,000. This recommendation was presented to the City Council, December 31, 1883. The Committee on Schools reported February 4, 1884, recommending that it be returned to the Board, with instructions to re-advertise for proposals. In the meantime private parties purchased the ground in order to prevent the location of a school in this vicinity.

Site on Hudson Avenue, south of Black Hawk Street, 175 x 124.1 feet, for $14,000. This recommendation was presented to the City Council, July 31,

1884. At the meeting of October 3, 1884, the Committee on Schools reported to the Council recommending the purchase of the site at $70 per foot front, instead of $80 per foot front, the price at which it was offered to the Board. No final action has yet been taken by the City Council.

EVENING SCHOOLS.

The Evening Schools were opened October 8, 1883, and continued in session twenty weeks. Last year they were continued seventeen weeks They were held, in the North Division of the city, in the Kinzie, Franklin and Newberry school buildings. In the South Division of the city, in the Jones, Ward and Brighton school buildings, also in the Newsboys' Home. In the West Division of the city, in the Scammon, Polk Street, Foster, Throop, Pickard, King, Hayes, Lincoln Street, Wells and Sangamon Street school buildings. There was a total enrollment of 7,447, divided as follows—males, 6,095; females, 1,352, an increase of 491 over last year.

DEAF MUTE SCHOOLS.

These schools are now located in the Scammon, Third Avenue, Division and Cleaver Streets, and Sheldon School buildings. Number of teachers including principal is the same as last year; number of pupils enrolled, 56, being one less than last year; total cost of the schools, $4,245; cost per pupil, $75.80.

FINANCES.

The following table will exhibit the cash receipts and expenditures for the school year 1883-'84 :

RECEIPTS.

On account of School Tax Fund	$1,079,097 99
On account of State Dividend	148,641 19
On account of of Rental School Fund Lands, Interest on Investments of School Fund, etc	170,101 38
From Miscellaneous Sources	1,519 11
Total Cash Receipts	$1,399,359 67

EXPENDITURES.

For Salaries—	
Of Superintendents and Teachers	$843,265 22
Of Office Employes, including Attorney and School Agent	11,790 74
Of Engineers and Janitors	69,173 58
For Rents—	
Of Buildings and Rooms used for School purposes	6,904 90
Of School Fund Lots used for School purposes	3,217 58
For Fuel	41,128 82
For Repairs of Buildings, Furniture, Apparatus, etc	50,425 55
For Permanent Improvements, etc	76,795 21
For Management of School Fund, exclusive of Salary of School Agent	178 82
For School Census	5,161 52
For Purchase of Sites, Erection of Buildings, etc	394,890 39
For Special Assessments	6,539 63
For Evening Schools	27,700 47
Total	$1,537,172 43

TAX LEVY FOR FISCAL YEAR 1884.

City Tax for all purposes	$4,872,456 60
Tax for School purposes	1,532,515 40
Per cent. of School Tax on total amount levied	31.4

The receipts for the school year 1883-1884 were $35,211.66 less than the receipts for the year 1882-1883, while the expenditures for the same period were $209,334.80 greater. The greatest part of the in-

crease over last year's expenditure is to be distributed among the following items :

Increase—	
For Purchase of Sites and Erection of Buildings	$104,118 50
For Repairs of Buildings, Furniture, etc	13,664 63
For Permanent Improvements, etc	9,052 05
For Evening Schools	10,958 21
For Salaries of Teachers	72,199 85

The increase in expenditure for salaries of teachers was not due so much to the increase of salaries, as to the increase in the number of teachers; all other expenditures were nearly the same as for last year, excepting for special assessments, which were $8,664.79 less.

SCHOOL FUND PROPERTY.

The status of the property belonging to the School Fund is the same as last year. This property is re-appraised every five years, and the tenants pay six per cent. on the appraised value, as rental thereof. In May, 1885, nearly all the School Lands within the city limits will be re-appraised. The property should be appraised at a fair value, and, in my opinion, a fair value will be a somewhat higher one than the present appraised value. Leases of school lands in this city are considered a good investment. Owners thereof can, in most instances, sell them at a high premium, especially in the business portion of the city; it would, therefore, not be unreasonable to ask that the Board shall get the benefit of at least part of the premium.

SCHOOL CENSUS.

During the year, the biennial census was taken, showing a population of 629,985, an increase of 69,292 in two years.

The total population betwen the ages of six and sixteen	120,936
The total population between the ages of sixteen and twenty-one	48,421
Number of children attending private schools	25,487
Number under twenty-one years of age who are obliged to work	16,783
Total number between twelve and twenty-one years of age who can neither read nor write	348

I do not consider it necessary to make a more complete report upon this subject, as the same has been heretofore published, and can be obtained in pamphlet form from the Clerk of the Board. The census was taken by School Districts and by Wards, and in addition to the above information it gives the number of white persons, colored persons, deaf and dumb persons, and the nationality of white persons. I believe great care was exercised in order to employ reliable canvassers; yet I have come to the conclusion that some of the canvassers preferred to use their own judgment as to what nationality persons belonged instead of inquiring, for I find that my family is credited with a nationality to which we have not the honor to belong.

TEACHERS.

The city now employs in the Primary and Grammar Schools 1,093 assistant teachers, all females. There are 59 principals of these schools, of whom 26 are males,

and 33 are females. In the High Schools of the city there are 20 male and 20 female teachers including principals.

I believe that there is not a public school in any city in the Union where the standard of the teachers is higher than in this city, as each applicant must undergo a rigid examination, and our teachers are doing their duty to the best of their ability, but it is my opinion that the employment of female teachers only in our Grammar Schools is objectionable.

But very few females intend to make teaching in public schools a life study. With most of them, this is only a temporary occupation which usually ends when matrimony begins. In the nature of things nothing else can be expected, for each matron ought to feel that her first duty is to educate her own children, and one who does her duty fully at home has enough to do, and must rely on her husband for earning the necessaries of life. The result in many cases is, that by the time the teacher has experience she resigns, and a new teacher with little, if any, experience, takes her place. I do not wish to be understood that it is my opinion that women are not fit to be teachers. Far from it, for many of our teachers are zealous, bright, able and earnest in their work; but I am opposed to a system which virtually excludes the male sex from a position which in European countries they occupy almost exclusively and satisfactorily. It may be urged that even men would take such a position

only as a stepping-stone to a better paid employment; so that even then we would not possess the professional teacher. But how many there are of the best graduates of our Universities who make teaching their profession and go to the country schools for an humble start in the path that leads to a University professorship? How many who have had all the experience of a course through our whole school system, who have attended the University and come back loaded with increased experience, to take up the different professions. There are many among these who would be glad of the opportunity of a few years experience in teaching in our schools. And young men in both of the categories mentioned would feel well paid for their services, with the same salaries that are given to-day, and I believe that, to say the least, they would render fully as efficient work as many of our lady teachers. We employ male teachers in the High Schools, why not as well in the Grammar Schools, when Principal-ships and High School positions would be incentives to good work, and at the same time we could train our Principals instead of being compelled to search the country towns for masters of our own system.

PUBLIC LIBRARY.

It is a source of no little gratification to be able to report that the rules adopted by this Board and the Public Library Board, regarding the use of books from the Library, for the Public Schools, work satis-

factorily. The boast of private schools and of higher institutions of learning has often been the library facilities connected therewith. Now we have not only wonderful library facilities, but what is more important, under the encouragement of this system, it is becoming one of the duties of Principals and Teachers, not only to provide books at the schools which shall tend to broaden the minds of the pupils in their views of special subjects pursued; but also to guide and curb the otherwise desultory and useless reading.

PHYSICAL TRAINING.

Notwithstanding the rapid advance made by our schools during the last few years in its system of intellectual training, I would most earnestly call the attention of the Board to one very important element in education, which has not received its deserved consideration by our popular educators. That is the element of physical training.

I am far from advocating physical beauty as an ideal; far from advocating a rigorous Spartan system. But it seems that we are tending in the opposite direction; nor can it be denied that one extreme is fully as bad as the other. I believe that it has been the recognized doctrine that a healthy, well-developed brain requires the support of a healthy body.

Much has been said and much complaint has been made during the last few years about over-education.

When the child has a headache, becomes stoop-shouldered, or grows thin and pale, parents and friends ascribe it to over-education. Teachers have been remonstrated with, and Boards of Education have been blamed for thrusting too much work upon children as yet too young to endure it.

In his work on education, Herbert Spencer has come to the conclusion that the treatment of children erred in deficient feeding, in deficient clothing, in deficient exercise, and in excessive mental application.

The questions of food and clothing must be delegated to the duties of parents at home. Our mental application is certainly not too excessive. But in exercise, we are far too deficient, for we have no proper system in exercise, though this requires discipline as well as mental application.

The drooping shoulders, the pale complexion and cramped chest come, then, not from over application of the mind but rather from under application of the body, and what we require is not the Spartan but rather the Athenian system. That among the Greeks which brought the most symmetrical development of body as well as that of mind. It was only such that could attain the glories of the age of Pericles, and the only remedy for this lies in the schools.

A great many will claim that the proper sphere for this also is at home under the guidance of parents. They protest against making gymnasia out of the schools. But why could not the whole system of in-

struction be transferred to the nursery, with logic fully as cogent. Fathers are unwilling to take a few hours from their business to devote to their children, and but few have the means to engage private tutors. They have delegated the work of common education to the State, and the State has accepted the trust. It is then the duty of common educators to round out whatever education they do give.

The physical training ought to be commenced at the same age and at the same time with the mental As soon as the child begins his career at school, he commences to bend to the book. All through the school life he is out of sight of the parents the greater part of the time, and under the guidance of instructors. Then, certainly, is the time when the pupil ought to be taught correct postures and correct breathing, together with exercises that shall tend to the symmetrical development of all the muscles.

Of course, this would require new duties on the part of teachers, but more care than actual labor. It would take them but a short time to master the primers of physical exercise. Books on this subject have already been published. As a matter of expense, it would be but trifling, and it would not be required to turn the schools into gymnasia. All the instruments necessary would consist of light dumb-bells and Indian clubs, and the use of such instruments would awaken a healthy enthusiasm in the competition for grace, which is wanting in the so-called calisthenic exercises as they have

been practiced here. It would occupy but fifteen or twenty minutes at odd hours during the day. These could be taken out of those set aside for the preparation of recitations, and the energy and activity excited thereby would fully compensate for the time spent.

My ideas on this subject may be crude, but I consider the subject of sufficient importance to entitle it to a full and careful consideration by this Board.

In conclusion, I will state that I believe that the Superintendents, Officers and Office Employes have tried to do their duty to the best of their ability. I thank the Members of this Board for the courtesy extended to me, and for the kind spirit which caused them not to notice the many of my weaknesses.

ADOLF KRAUS,
President.

REPORT OF THE SUPERINTENDENT.

REPORT

OF THE

SUPERINTENDENT.

To the Board of Education of the City of Chicago:

GENTLEMEN:—In reviewing the work of the year there is found great cause for encouragement. Nothing has occurred to disturb the general harmony; yet it has not been the harmony of indifference, for it has been a year of earnest, faithful endeavor.

There has been manifest a general spirit of improvement, a seeking for truer aims and better methods, still holding fast, however, to what has been proven to be good.

Nowhere has the humane spirit of the age been more apparent, or richer in results, than in our public schools; and this has been gained, I think, without any sacrifice of enterprise or healthful endurance. The growth of our schools has kept pace with the growth of the city, as will be seen in the following:

SUMMARY OF STATISTICS.

SCHOOL BUILDINGS.

NUMBER OF BUILDINGS—	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
Owned by the City	54	55	59	61	67	68	75
Rented	20	19	14	12	9	8	7

TEACHERS.

Number of Principals—	1881-82— Male.	Female.	1882-83— Male.	Female.	1883-84— Male.	Female.
In High Schools	3	0	3	0	3	0
In Grammar and Primary Schools	24	32	24	33	26	33
Total Number of Principals	**27**	**32**	**27**	**33**	**29**	**33**
Number of Assistants—						
In High Schools	14	17	16	20	17	20
In Grammar and Primary Schools	0	926	0	1,008	0	1,093
Special Teachers	2	1	2	1	2	1
Total Number of Assistants	**16**	**944**	**18**	**1,029**	**19**	**1,114**
Total of Principals and Ass'nts	**43**	**976**	**45**	**1,062**	**48**	**1,147**
Total Number of Teachers	**1,019**		**1,107**		**1,195**	

SCHOOL CENSUS.

	School Census, of 1878.	School Census, of 1880.	School Census, of 1882.	School Census, of 1884.
Total Population of the City	436,731	491,516	560,693	629.985
Under 21 years of Age	201,709	219,622	241,693	263,111
Between the Ages of 6 and 21 Years	123,115	137,035	155,166	169,384
Between the Ages of 6 and 16 Years	87,819	97,181	110,389	120,936
Under 6 Years of Age	78,594	82,067	86,545	93,727

PUPILS.

The following statement exhibits, in tabulated form, the items of Enrollment, Membership, Attendance and Promotions, for each of the Departments of our Public School System, for the School Year:

	Total Enrollment.	Average Daily Membership.	Average Daily Attendance.	Per Cent. of Attendance.	Number of Promotions.
In Ungraded Room	48	20.1	18.2	90.5	0
In Primary Department	60,747	45,471.8	42,449.3	93.3	28,407
In Grammar Department	13,714	12,571.9	11,843.0	94.2	7,869
In High School Department	1,535	1,310.0	1,247.1	95.2	999
Total for the City	**76,044**	**59,373.8**	**55,557.6**	**93.6**	**37,275**

WHOLE NUMBER ENROLLED—	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
Total for the Year	59,562	63,141	68,614	72,509	76,044
Increase over Previous Year	2,975	3,579	5,473	3,895	3,535
AVERAGE DAILY MEMBERSHIP—					
Total for the Year	45,076	47,523	51,023	55,890	59,374
Increase over Previous Year	1,335	2,447	3,770	4,867	3,484
AVERAGE DAILY ATTENDANCE—					
Total for the Year	42,375	44,201	47,663	52,185	55,558
Increase over Previous Year	1,178	1,826	3,462	4,522	3,373
PER CENT. OF PUNCTUAL ATTENDANCE	94.0	93.0	93.4	93.4	93.6
SUSPENSIONS—					
For Absence	3,078	2,958	3,176	2,624	2,600
For Misconduct	158	166	106	105	90
AVERAGE DAILY MEMBERSHIP BY GRADES—					
First Grade	11,155.0	11,788.3	13,651.0	16,159.3	17,488.0
Second Grade	8,779.6	9,147.3	10,251.3	11,002.3	11,483.2
Third Grade	8,278.3	8,664.9	8,947.2	9,328.2	9,692.2
Fourth Grade	6,255.9	6,646.8	6,433.8	6,555.6	6,808.4
Total Primary Departm't.	**34,468.8**	**36,247.3**	**39,283.3**	**43,045.4**	**45,471.8**
Fifth Grade	4,242.7	4,689.0	4,700.6	5,137.0	5,648.2
Sixth Grade	2,659.0	2,796.3	3,124.1	3,437.2	3,480.5
Seventh Grade	1,728.5	1,821.0	1,748.8	1,984.0	2,145.3
Eighth Grade	768.6	898.7	981.2	1,030.7	1,297.9
Total Grammar Departm't	**9,398.8**	**10,205.0**	**10,554.7**	**11,588.9**	**12,571.9**
In Ungraded Room	**29.3**	**27.6**	**25.6**	**27.4**	**20.1**
Ninth Grade	582.5	477.5	558.0	595.6	616.5
Tenth Grade	420.1	355.0	298.9	354.7	367.8
Eleventh Grade	71.3	146.9	181.6	158.2	186.5
Twelfth Grade	105.1	63.7	120.9	119.4	139.2
Total High School Dep't.	**1,179.0**	**1,043.1**	**1,159.4**	**1,227.9**	**1,310.0**
Total in all Departments.	**45,075.9**	**47,523.0**	**51,023.0**	**55,889.6**	**59,373.8**
Per Cent. in Primary Grades	76.52	76.27	77.02	77.07	76.62
Per Cent. in Gram. Grades	20.86	21.54	20.71	20.73	21.18
Per Cent. in High Schools	2.62	2.19	2.27	2.25	2.21

	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
AVERAGE NUMBER OF PUPILS TO EACH TEACHER, NOT INCLUDING PRINCIPALS AND SPECIAL TEACHERS—					
In High Schools	39	39	37	34	38
In Gram. and Prim. Schools	55	55	53	54	54
NUMBER OF PUPILS PROMOTED—					
First to Second Grade	8,051	8,121	8,444	8,897	9,238
Second to Third Grade	7,529	6,868	7,703	7,106	7,684
Third to Fourth Grade	6,441	5,509	6,286	6,378	6,532
Fourth to Fifth Grade	4,454	4,288	4,855	5,244	4,953
Total in Primary Grades	**26,475**	**24,786**	**27,288**	**27,625**	**28,407**
Fifth to Sixth Grade	2,766	3,039	3,249	3,514	3,147
Sixth to Seventh Grade	1,802	1,808	2,253	2,442	2,025
Seventh to Eighth Grade	1,094	1,237	1,118	1,529	1,509
Eighth to Ninth Grade	628	797	876	1,004	1,188
Total in Grammar Grades	**6,290**	**6,881**	**7,496**	**8,489**	**7,869**
Total No. of Promotions	**32,765**	**31,667**	**34,784**	**36,114**	**36,276**
PER CENT. OF PROMOTIONS BASED UPON AVERAGE DAILY MEMBERSHIP—					
Primary Department	76.8	68.4	69.5	64.2	62.5
Grammar Department	66.9	73.2	71.0	73.3	62.6
Both Departments	74.7	69.4	69.8	66.1	62.5

AGES OF PUPILS.

The following statement exhibits the age of pupils at the date of their first enrollment during the year, for the last seven years:

	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
Under 7 years of age.	9,208	8,174	8,443	9,012	9,997	10,460	10,460
Between 7 and 8 years.	7,027	7,443	7,850	8,673	9,623	10,161	10,438
Between 8 and 9 years.	6,876	7,402	7,529	8,133	9,064	9,336	9,932
Between 9 and 10 years.	6,362	6,790	7,500	7,693	8,322	8,926	9,551
Between 10 and 11 years.	6,102	6,437	6,924	7,482	7,819	8,348	8,943
Between 11 and 12 years.	5,331	5,603	6,180	6,424	7,115	7,317	7,773
Between 12 and 13 years.	4,955	5,285	5,621	5,916	6,359	6,833	6,985
Between 13 and 14 years.	3,883	3,908	4,211	4,342	4,647	4,971	5,353
Between 14 and 15 years.	2,436	2,689	2,560	2,737	2,807	3,091	3,342
Between 15 and 16 years.	1,469	1,402	1,416	1,553	1,479	1,606	1,778
Between 16 and 17 years.	889	803	691	698	765	798	856
Over 17 years	571	651	637	478	617	662	633
Total	**55,109**	**56,587**	**59,562**	**63,141**	**68,614**	**72,509**	**76,04**

The following statement exhibits the number in every one hundred pupils under the ages given, for the past eight years:

	1876-77.	'77-78.	'78-79.	'79-80.	'80-81.	'81-82.	'82-83.	'83-84.
Under 7 years	17.1	17.0	14.4	14.2	14.3	14.6	14.4	13.8
Under 8 years	29.4	29.5	27.6	27.3	28.0	28.6	28.4	27.5
Under 9 years	41.7	41.9	40.7	40.0	40.9	41.8	41.3	40.5
Under 10 years	53.3	53.5	52.5	52.6	53.1	53.9	53.6	53.1
Under 11 years	64.1	64.5	64.1	64.2	64.9	65.3	65.1	64.9
Under 12 years	73.6	74.2	73.9	74.6	75.1	75.7	75.2	75.1
Under 13 years	82.5	83.2	83.3	84.0	84.5	85.0	84.7	84.3
Under 14 years	89.4	90.3	90.2	91.1	91.3	91.7	91.5	91.3
Under 15 years	94.2	94.7	95.0	95.4	95.7	95.8	95.8	95.7
Under 16 years	97.0	97.3	97.4	97.9	98.1	98.0	98.0	98.0
Under 17 years	98.6	99.0	98.8	98.9	99.2	99.1	99.1	99.2
Over 17 years	1.4	1.0	1.2	1.1	.8	.9	.9	.8

COST OF SCHOOLS PER PUPIL DURING THE PAST SEVEN YEARS.

FOR TUITION ALONE—

	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
Upon the School Census	$ 3.98	$ 4.30	$ 4.25	$ 4.67	$ 4.48	$ 4.97	$ 4.98
Upon Number Enrolled	8.90	9.18	9.79	10.14	10.15	10.63	11.09
Upon Av. Daily Memb.	11.80	12.10	12.93	13.48	13.65	13.80	14.23
Upon Av. Daily Attend.	12.52	12.84	13.75	14.49	14.61	14.78	15.18

FOR INCIDENTALS—

Upon the School Census	$ 74	$ 82	$ 79	$ 97	$ 95	$ 99	$ 95
Upon Number Enrolled	1 62	1 74	1 83	2 10	2 13	2 12	2 11
Upon Av. Daily Memb.	2 15	2 32	2 41	2 80	2 86	2 75	2 77
Upon Av. Daily Attend.	2 27	2 46	2 56	3 01	3 07	2 94	2 89

FOR ALL EXPENSES INCLUDING TUITION, INCIDENTALS, AND SIX PER CENT. UPON SCHOOL PROPERTY—

Upon the School Census.	$ 5 95	$ 6 20	$ 6 11	$ 6 76	$ 6 67	$ 7 30	$ 7 23
Upon No. Enrolled	13 17	13 48	14 05	14 67	15 08	15 62	16 11
Upon Av. Daily Memb.	17 62	17 44	18 57	19 49	20 29	20 27	20 62
Upon Av. Daily Attend.	18 62	18 50	19 75	20 96	21 71	21 71	22 06

SCHOOL ACCOMMODATIONS.

There were at the close of the year 60,756 sittings, an increase of 4,173 from the previous year. Of these 1,024 were in rented rooms. Six new school build-

ings were opened during the year: the North Division High and the Lawndale in September; the South Division High, the Keith and the Webster in January; the new Wells in February, and the Ogden in May.

The High Schools, by vacating the buildings previously occupied by them, furnished so much additional accommodation for Primary and Grammar grades. The first floor of each of the new buildings is at present occupied by Grammar classes. Since the erection of the new Ogden of eighteen class rooms, the building in process of erection on the corner of Illinois and Cass Streets will probably not all be needed for the purpose intended, and seems to be well adapted for the Training School, should one be established.

ATTENDANCE.

The total enrollment for the year, as will be seen in the tables, was 76,044, an increase of 3,535 over that of the preceding year; the average daily membership was 59,374, showing a gain of 3,484. Of these 1,489 were over sixteen years of age.

That so many of our pupils leave school before completing the course is the cause of frequent complaint, and often of anxious inquiry as to the remedy. Most of those thus leaving probably do so from a real or supposed necessity, that they may be of assistance to their parents, a cause that will continue so long as we have the poor with us. Many also are led, in

various ways, to believe that book learning and school training are of little worth in the busy walks of life, upon which they are eager to enter as possible rivals or successors of the uneducated statesmen and millionaires of the day. More, too, than we are often willing to admit or believe lose their interest in school life, which is made dry, irksome, and sometimes fruitless to them.

The old time theory that study for mental discipline is and must be drudgery has driven many a bright and eager pupil from the school room door, to become an idler or a vigorous opposer of all higher learning.

Whatever the success of the teacher in any department, he can do no better service to his pupils, or to the schools, than to inspire them with an ardent desire for learning. Whatever else he teaches, this is the lesson of most worth. Teach them that no good work in mental or material things is ever done by the drudge; that an earnest, worthy purpose can and does make the hardest toil a delight. When our school life becomes an inspiration to high purpose and fitting action, the truant officer will not be wanted.

COURSE OF STUDY.

The new Outline of Course of Study adopted by the Board, February 7th, 1884, was generally received with favor, and the result thus far has fully justified our expectations.

The Language work had already been successfully introduced, but is becoming more efficient as the teachers become more familiar with it and its purpose, and learn to make the words and sentences the true vehicles of thoughts and ideas, resulting from what the pupils themselves have perceived or done.

The study of Numbers in the first grade has, in most cases, been quite satisfactory, and the improvement very marked, in a better knowledge, a quicker intelligence, and a livelier interest. Some schools might be mentioned in which the progress of the pupils, their readiness and correctness have been almost phenomenal. In the higher grades, owing largely to the lack of this first year's instruction, the work has been less gratifying. It has often been a study of figures rather than of number; and, in a few cases, the old ruts are worn so deep that it requires a great wrenching of the spirit to get out of them.

One of the greatest hindrances to success is found in the desire to hurry forward to the longer operations and more difficult processes, to the larger numbers and more complicated combinations, before the short and simple problems are well understood.

For the intelligent study of our own history, there seems almost a necessity of some familiarity with that of modern Europe, at least of those States whose history is closely allied with our own. There is a suggestion of English history in our Outline, and it may be worthy of consideration whether, without introduc-

ing a new branch, our course might not profitably be supplemented by some suitable historical reading, the prominent events and characters of which might be discussed in an easy, familiar way.

GEOGRAPHY AND HISTORY.

There is a decided improvement evidently going on in the study and teaching of geography and history, especially in the higher grades. There is more frequent recourse to the crayon and the pencil, more consideration of persons and places as real things, more putting by the trivial and accidental for the important and the permanent, a closer union between the history and the geography. Much of geography is important only in its historical relations, and much of history is unmeaning without the geography.

There is a better interpretation of words and sentences used, and less learning of words that mean nothing to the pupil. Teachers make a larger and better, because less servile, use of the text book. It is becoming a helper, and not a master.

GRAMMAR.

Of all the relics of the past that have been embalmed and sent down to us, there is nothing, seemingly, more worthless than routine parsing, "common noun, third person, singular number, neuter gender, objective case," year in and year out.

In the early primary grades, children learn the distinctions of common and proper nouns; person is hardly a property of nouns, or admitting the fact of person, volume after volume may be read without meeting any but the third; number is learned in the first grade, and as for gender, the English fortunately follows nature, and no child in the schools needs much instruction in this respect. No one would think of asking the youngest pupil whether *book* is a man or woman.

The formation of the possessive, too, has been learned, and that is about all of declension there is for nouns. The personal pronoun should be declined, but why continue to repeat, like an incantation, that old round, "*nom.*, boy; *poss.*, boy's; *obj.*, boy; *ind.*, boy," to which half a dozen others might as well be added. It unlocks no hidden treasures.

In the study of some author for the nice expression of the thought and the true structure of the sentence, this commonly dry and barren subject may easily be made one of the most attractive and fruitful branches of school work. In many of our schools, it has already become such, while the pupils at the same time obtain a more correct, because more appreciative, knowledge of the technique of the subject.

With so much of importance in the study, it does seem pitiful that the inquiring, eager spirit of our pupils should be quenched by this unmeaning, benumbing routine.

PENMANSHIP.

The instruction in Penmanship in our schools, which is given by the class teachers, has, with some exceptions, been eminently successful in securing an almost perfect copy hand, and in not a few of the rooms the penmanship of the ordinary written work of the schoolroom is worthy of the highest commendation.

Until recently the use of the pen has been left till the third grade, but our later experience has been sufficient to show that the use of pen and ink can profitably begin at least in the second grade. The cramped condition of the fingers is an almost inevitable result of the use of the pencil in writing.

It has probably occurred to all who have given any considerable thought to the subject that continual writing from a copy, however perfect the result, can never give a good business hand, and that our pupils have to acquire a hand of their own after leaving school.

Observation of the work in some of our schools convinces me that if with the limited use of the copy book, especially in the higher grammar grades, special instruction and practice without the copy could be given, a great advance might be made toward acquiring a good, working, individual hand writing, that would be immediately available in any business house where a situation should be obtained.

DRAWING.

The action of the Board in placing Drawing upon the list of regular studies has given a new impulse to that most important branch of school work. There is a manifest increase of interest on the part of both teachers and pupils, and the character of the work seems to me greatly improved. There has been, too, a pleasing development in the direction of manual work by the pupils, in the making of little articles and in preparing designs at home as well as at school, giving a new interest to their studies and adding to their skill and artistic taste.

The exhibit prepared for the National Teachers' Association at Madison, Wis., in the summer vacation, was very creditable to the instruction in that Department, and received due commendation.

MUSIC.

Of the value of vocal music in our schools, and the general character of the instruction, I have little to add to what was given in my last report.

In music, as in drawing, with but one special teacher for so many teachers and pupils, little personal supervision can be given to any one class, and a very slight consideration is needed to infer by what untiring and persistent effort on the part of the special teachers the present efficiency is secured

The instruction in singing in the High Schools has

been of a high order, but I think too technical, and not sufficiently attractive to the ordinary pupil.

GERMAN.

The study of German has become an important branch of our school work. Beginning with the fifth, or first grammar grade, and continuing through the High School, a continuous course of eight years is afforded to those who desire it. With the exception of the small School at Lawndale it is now in all the Grammar Schools of the city.

There has been no falling off, but rather an increase of interest during the year, and a corresponding advance in the character and quality of the work, as might be inferred from an examination of the Revised Course of Study in German.

METHODS.

Although no two teachers would present any branch of study in precisely the same way, there are undoubtedly some methods better than others, with margin enough for individual differences.

Yet the best methods in the hands of a routine teacher can be made as poor a machine as the more faulty one; indeed, it sometimes seems that the better the method, the poorer the result with an unappreciative, unenterprising teacher.

To avoid the mere memorizing of the pages of His-

tory or Geography, a topical method is suggested. But what more unsatisfactory and painful than to see the members of a class, one after another, rise and repeat the memorized answers to a long column of topical questions arranged upon the blackboard? No room for the selecting of salient points by the pupils; no question; no discussion; no opportunity for other views to be presented, or for the expression of opinion with reasons for and against; no comparing of authorities, but simply a more patent routine than before, from which little information, and no power of thought or expression is gained.

But still there are good and bad methods, though an enterprising teacher may make the worst of them tend to some good result. Even our graded system itself, with all its power for good, multiplying the teacher's influence, as it does if properly managed, has often been so narrowed and straitened that the mind and heart,—that the whole nature of pupil and teacher,—has been cramped and stifled within its tightening grasp.

ADMISSION TO THE HIGH SCHOOL.

One of the most valuable results of admitting pupils to the High School upon the recommendation of the Principals of the Grammar Schools has been the loosening of these bonds, and allowing more freedom of life and action, more regard for the pupil's needs.

With few or none of the evils which many feared, it

has resulted in an advance along the whole line, largely freeing teachers from mere text book recitation, and imparting a new life to their instruction. This is especially true in the higher grades, where the eye is no longer fixed solely on the coming examination, but upon the best modes of interesting the pupils, inducing a proper direction of their thought, a wiser development of their powers.

EXAMINATIONS.

In every well-organized and successful school, there must be examinations. Indeed, a recitation is and should be, more or less, an examination. The trouble has been that too often the recitation has been little else than an examination, and that, too, of a very limited kind—an examination of the pupil's ability to repeat certain passages of the text book, or, perhaps, some previous statement of the teacher, with no test of his power of apprehension, his reason in making deductions, or his use of language in clear and concise expression. With the teacher seated at the desk calling upon the pupils by the run of the marking cards, a pack of which she held in one hand with a recording pencil in the other, and the book lying open before her, there was little room for anything beyond this.

When to this are added the special and formal weekly, monthly, term and yearly examinations, it is little wonder that examinations should become the bur-

den of the teacher and the bane of school life, from which should come up a cry for relief.

Yet special examinations are sometimes necessary, and for certain purposes are the best, if not the only, test that can be had, and are no more likely to fail of their purpose than the recitation.

A teacher may be so familiar with the ability and progress of his pupils as to render the special examination needless, unless it be to furnish visible evidence in case of complaints of partiality or injustice, made by disappointed parents or friends.

TEACHERS' EXAMINATIONS.

In the examination of applicants for positions as teachers, of whom no previous knowledge can be had, it is not difficult to make it a fair test of general scholarship and culture, power of expression and ability to use correct English, without which no one should enter the school room as teacher.

The personal influence over her pupils can not, of course, be determined by a written examination, but is quite as apt to be found among the educated as the ignorant.

THE AIM OF SCHOOL.

Education has manifestly a double purpose—to aid the individual in gaining a living, and to make his life worth living.

The public school was designed chiefly with a view

to the second of these, leaving the first to the care and direction of the parent, indirectly, however, by leading to a better life, enabling the pupil to live better.

The home with its cares, its occupations and its sports, was a fitting preparation for the school, and the school with its books and studies a fitting complement to the home. Gladly did the studious youth look forward to the term at the school or academy, submitting cheerfully to privations for the enjoyment of its privileges, and at the close return to the farm or the workshop with higher aims and a more earnest purpose.

The boy driving his cows to pasture, with all that the name suggests, his study of animal, vegetable, and mineral nature; his plans and devices; his gun, his trap and his snare; the wood, the meadow, the stream, was getting an education, a training that the school could not impart—a training without which the school education would have lost much of its value, and to which a proper school training gave a double worth.

Much may be said for this healthful and instructive pursuit, but the typical cowboy is not the model upon which we wish to form the character of our pupils.

It is unfortunate that this intermingling of the school and the home—the student life and the farm life—is made impossible; that during the formative years, the city pupil is cut off from the duties and responsibilities of life The school teaches punctuality, order, system, subordination and industry, but affords little opportunity for acquiring the art of self guidance and self

help. He does little of his own motion; his hours are arranged, his tasks assigned, the extent of his reading and study marked out, leaving small space for any design of his own, any decision, any effort in any chosen work; it is learning to swim on dry land with some one to count the strokes.

The half time school has often been considered, and if by making the school less continuous the time might be proportionately extended, the plan might have a show of reason, but if the boy is not in school he is on the street; he can not be with his father in his business or engaged in any useful employment.

What shall be done with the other half? The conditions of the old district school, about our memories of which so much pleasing romance has gathered, are all wanting. It may sometimes have been taught by an embryo Webster, or Everett, whom it may be pleasant to recall, but they seem to have had no sure recipe for producing their kind.

We judge of the schools of the past not by what their pupils were at twelve or fourteen, but by what a few of them have since made of themselves; and another quarter of a century may furnish the proof of what the schools of to-day are doing to develop the different faculties of the pupils, to furnish them with that knowledge which constitutes intelligence, and to cultivate their powers of self control and self direction, for never were teachers more earnest in their striving for better ways.

THE HIGHER SCHOOLS.

The preparatory academy, with the exception of a few of deserved reputation, has of late years been largely supplanted by the high school.

The general character and influence of the two were as unlike as their leading purposes. The academy was primarily a feeder for the college; its whole atmosphere was redolent of college and classical training; the standing of its graduates at college was as freely discussed and as well known at the academy as at the college. There was usually an English department, but it was secondary; its pupils were more transient, attending a term or two and then giving place to others.

The first object of the high school was to give some intelligent knowledge of higher English, some better culture and a better preparation for business to those who did not propose to themselves a collegiate course. Into the course of study naturally fell some science and the modern languages.

The principals and teachers of these schools, who had generally received some classical training, felt that no higher education could be worthy of the name without Latin. This, of course, soon became a leading branch. By this means, too, was secured the attendance of the children of the wealthy and educated families, who were looking forward to the college, till the high schools in the large cities became almost as desirable for preparatory schools as the better academies,

the additional expense for Greek, the only truly college branch, being very inconsiderable.

Thus the children could prepare for college at home, under the parental eye, and the way was opened, too, for the children of the poorer families, who were often the most successful pupils, to obtain a higher education.

The colleges generally failed to realize this necessity of the high schools to furnish, primarily, a good English course, and failed thereby of much support which they might have received. But where the true aim of the high school has been appreciated, the college has given a new impulse to the high school, which, in its turn, has inspired the lower schools with higher purposes.

Whatever may be thought of the comparative merits of the ancient and modern languages for purposes of discipline, so long as Greek is required for admission to the first-class colleges, it must be a question whether the best interests of the high schools themselves would not leave it as possible in the curriculum.

The German has become almost a necessity to the student who aims at any eminence as a scholar, and the time undoubtedly is not far off when some of our better colleges, without wholly discarding Greek, will allow German and perhaps some other modern language to take its place in a course entitling to the degree of A. B.

SCHOOL SUPERVISION.

In any great system with different departments, em-

ploying many persons, the value of a wise and watchful supervision can hardly be overestimated.

This is as true of our school system as of a railroad. There should be a central authority for advising the Board of the needs and condition of the schools, and for carrying out its wishes; for designing a general outline of subjects to be studied, with some direction of the methods to be pursued; for observing the teachers' work, and their fitness for their positions, and for the unification of the system.

The prime factor in the success of the individual schools is the Principal, and no amount of itinerant supervision can supply his place. Through him largely must the General Superintendent act upon the schools. He only can efficiently supervise the work of the school room, correcting errors and devising methods for securing better results. He should be familiar with the discipline, instruction and personal influence of every teacher in his school, and with the results of her efforts.

He may have assistants as studious, as thoughtful, as alert as himself, but from his wider outlook and better opportunities for observation and comparison, he is in a more favorable position for judging correctly of the quality of the work done, and the better the teacher, the readier is she to receive and adopt any suggestion that his thought or observation may lead him to make.

Any authority coming in to supersede him in the direct management of the school, in the examination of

pupils or the arrangement of classes, must depreciate his influence and tend to the injury of the school. Schools may suffer from too much as well as from too little supervision.

With the large number of inexperienced teachers added to our corps each year, one of our large buildings with its thousand or more pupils is quite enough for Principal, with his best efforts, to carefully supervise and direct in the manner indicated, in addition to the necessary clerical work and the amount of class instruction which perhaps it is desirable that he should give.

When for economic or other reasons, more than one such building is placed under the charge of one Principal, the best interests of the school would seem to demand for him the aid of one Assistant.

TEACHERS' EXAMINATIONS.

For applicants for positions as Principals of Grammar Schools, Principals of Primary Schools, and Assistants in High Schools, examinations were held on July 5 and 6, and on December 27 and 28; and for Assistants in Grammar and Primary Schools, in July, October, December, January and March, with the following results:

PRINCIPALS OF GRAMMAR SCHOOLS.

July 5 and 6 ....15 candidates.....5 successful.
Dec. 27, and 28.. 9 candidates.....5 successful.

PRINCIPALS OF PRIMARY SCHOOLS.

July 5 and 6.....6 candidates.....3 successful.
Dec. 27 and 28....none completed the examination.

ASSISTANTS IN HIGH SCHOOLS.

July 5 and 6....11 candidates.....3 successful.
Dec. 27 and 28... 2 candidates.....1 successful.

ASSISTANTS IN GRAMMAR AND PRIMARY SCHOOLS.

July 6 and 7....168 candidates.....58 successful.
Oct. 27.....135 candidates.....38 successful.
Dec. 27 and 28.. 93 candidates.....27 successful.
Jan. 26.....107 candidates.....18 successful.
March 29.....128 candidates.....42 successful.

During the year, 179 were assigned to positions and 79 presented their resignations.

HIGH SCHOOLS.

The total enrollment in the High Schools for the year was 1,535, of whom 305 were in the North Division, 479 in the South, and 751 in the West, an increase in the entire enrollment of 99 from the preceding year.

The percentage of pupils who go through the High School is small, and this must continue to be the case, especially in a young city like ours, in which material interests occupy so much of the thought of the people. Although a matter for regret, it is no reason, however, for underrating the importance of these schools, but rather for making them more attractive and desirable. It is no small thing that even 1,535 should avail themselves of the advantages thus afforded. The high character of the instruction imparted in our schools is un-

questioned, I think, by those at all familiar with them.

So many of the graduates of these schools are afterwards enrolled among our teachers, that it seemed desirable to shorten the course in Political Economy and give place to Mental Science, which had been discontinued for some years. The result has not been as satisfactory as had been hoped, owing, in part, to the want of a text book suited in character and size to the needs of such schools. That teachers should know something of the development and working of the mental powers, no one will deny, and a suitable text book is a great present need.

The most notable changes in the Course of Study were made after the close of the school year, in dropping Greek from the course, and in introducing an English Course. Those who had already begun the Greek were allowed to finish it in the West Division High School. To a considerable number who desired to prepare for college, the omission of the Greek was, of course, a disappointment.

There has long been a growing feeling that, in spite of the different branches of study in our schools, the pupils were leaving even our High Schools without the knowledge of our own language and literature which might fairly be expected. The Board, at its meeting August 28, adopted a tentative Course in English, given below, for the ensuing year, designed in some measure to remedy the defect. By most of the teachers in the High Schools, the experiment was gladly welcomed.

Whatever changes experience may suggest can readily be made.

	FIRST TERM.	SECOND TERM.	THIRD TERM.
FIRST YEAR.	The Deserted Village. Gray's Elegy. The Fire Worshippers.	The Lady of the Lake. The Lotus Eaters. Vision of Sir Launfal.	The Closing Scene. *T. B. Reed.* Life and Death of Jason. *Morris.* The Cotter's Saturday night.
SECOND YEAR.	Thanatopsis. L'Allegro. Il Penseroso. Bunker Hill Monument. *Webster.*	Elaine. *Tennyson.* Julius Caesar. *Shakespeare.* Warren Hastings. *Macaulay.*	Virgil's Aeneid. *Two books. Translated by Conington.* As You Like It. *Shakespeare.*
THIRD YEAR.	Dream of Fair Women. Virgil. *Two books.* The Tempest. *Shakespeare.*	Paradise Lost. *Two books.* Henry IV. Adams and Jefferson. *Webster.*	Bacon's Essays. Bryant's Iliad. *Two books.*
FOURTH YEAR.	Bryant's Odyssey. *Two books.* Macbeth. Conduct of Life. *Emerson.*	Antigone. *Translation.* Hamlet. In Memoriam.	Lord Bacon. *Macaulay.* Alcestis. *Translation.* Selections.

To be critically read in class with attention given to the formation of words, construction of sentences and expression of thought; characteristics of style and figures of rhetoric, as used by the author; the more important features of English prosody; biographical, historical and classical allusions, oral and written discussions and analysis of subjects, characters, scenes and events; frequent written exercises upon well considered topics; the life and writings of the author, and his more noted contemporaries.

EVENING SCHOOLS.

The Evening Schools were opened October 6, in seventeen school buildings, and continued through the month of February, though the falling off during and after the holidays was so great that thirty-four rooms were closed before the end of January.

The total enrollment was 7,447, and the average attendance was 1,992. The High School had an enrollment of 465, and an average membership of 103. The leading branches taught there were the very practical ones of Drawing, Stenography and Book-keeping; and if the interest of the pupils is any evidence of the worth of the school to them, no expense for Evening Schools was, in my judgment, more judiciously incurred than that for the Evening High School.

The great hindrance to progress in the Evening Schools is the irregularity of attendance, although there are many who settle down to steady, effective work.

And here I desire to emphasize what I have said in previous reports of the influence of the individual teacher, as well upon the attendance as upon the quality of the work. The personal influence of the teacher is the one important factor, and an incompetent, inefficient teacher can hardly be too soon relegated to private study or amusement. It is the most expensive place we have for the relief of poverty or misfortune. Very few of the pupils are legally illiterate, the larger portion of them having been members of the day school. The advantages afforded are apparently most prized by adults of foreign birth who wish to learn more of our language. Still, it does seem that the opportunities offered by these schools should, and would if fairly understood, be enjoyed by twice the number of pupils, and their usefulness indefinitely multiplied.

Gentlemen of the Board of Education, I come to the closing paragraph of this report with the conviction that with all our deficiencies, the best strength, and the best thought of our more than 1,200 teachers were never more heartily, more effectively, given to the welfare of the schools than during the last year; and to you, for your unfailing kindness and forbearance, I desire to express my grateful recognition of the same.

GEO. HOWLAND,

Superintendent of Schools.

In Memoriam.

Nine of our number during the year passed
"Into the silent land."

EMMA V. SMITH.

Teacher of German and French in the South Division High School, Aug. 24, 1883.

A graduate of the Academy of Paris in 1863, she entered upon her work here in 1871, nor stayed in her well-approved efforts till near the close of the previous Term, when obliged to seek the rest from labor, which became eternal.

IDA F. DENNIS.

Assistant in the Dore School, Oct. 5, 1883.

In September, 1872, she received her first appointment as teacher. With an earnestness beyond her strength, and a loving devotion, in itself a pledge of the success that was ever hers, she won in the hearts of her associates and her pupils the high place she so richly deserved.

R. LOUISE BROWNELL.

Assistant in the Third Avenue School, Oct. 15, 1883.

Miss Brownell began her work with us in February, 1874. After a year's absence she returned with renewed strength and fond hopes of long and useful ser-

vice. Just one short week in school, and one of suffering cheerfully borne, and they who had gladly welcomed her bade her adieu.

LOTTIE KETZ.

Teacher of German in the King School, Nov. 16, 1883.

She had received her first appointment with us in 1876. Near the end of the preceding Term she was compelled to obtain leave of absence, hoping to return with the new School Year, but was called not to the service, but to the reward.

MARY DICKINSON.

Assistant in the Lincoln School, Dec. 23, 1883.

From 1875, the date of her first appointment, Miss Dickinson had been with us in the Lincoln School. With gentle and skillful hand had she led the young hearts entrusted to her care along the pleasant paths of learning and true living. Sweetly through the falling tears shone the love of those who sorrowed that she was with them no more

MARY L. BOCKIUS.

First Assistant in the Sangamon Street School, Dec. 29, 1883.

Miss Bockius joined our number in 1874. Untiring in her efforts for the mental and moral growth of her pupils, her thought within and without the school room was ever for their welfare. There, too, was her influence felt, and there her praises heard.

ELOISE TRACY GOODHUE.

Assistant in the Wells School, March 21, 1884.

A graduate of the Pennsylvania State Normal School in 1863, she became associated with us in 1872. She gave the best that her sensitive nature and trained intellect had to bestow, till permitted to lay her burden down.

CARRIE WILDER.

Assistant in the Haven School, March 28, 1884.

Appointed in September, Miss Wilder had not yet completed her first year with us, but was here long enough to assure us of her high worth, and to secure the respect and true esteem of all associated with her.

ADA BENSON.

Assistant in the Skinner School, June 1, 1884.

Miss Benson graduated at the head of her class in the Central High School, in 1878, and was appointed at the opening of the school year in September of the same year. Her work as a teacher did not belie the promise of her school days. Thoughtful, scholarly, refined, with a gentle, delicate spirit, she gave herself loyally, lovingly to her work, infusing into the too often dull routine of the school room the inspiration of her own bright, cheerful nature. Too soon for the school and the home passed the sweet radiance of her young life.

"Round our restlessness His rest."

REPORTS OF STANDING COMMITTEES.

THE
JOHN CRERAR
LIBRARY.



KEITH SCHOOL BUILDING

SOUTHWEST COR. DEARBORN AND THIRTY-FOURTH STREETS.

REPORT OF COMMITTEE

ON

BUILDINGS AND GROUNDS.

To the Board of Education of the City of Chicago:

GENTLEMEN:—The rapid increase in the material interests of our Public Schools is annually becoming a source of very great responsibility to your Committee, in consequence of the increasing magnitude of the large property interests under the control of the Board, and it was with a deep sense of such responsibility that your Committee entered upon the performance of its duties for the year.

A review of the statistics of our Public Schools for the past five years will show that at the close of the year 1879, there was owned by the City of Chicago, and occupied for school purposes, 50 buildings, which, with the grounds belonging thereto, was valued at $1,836,098; the total enrollment of pupils was 48,457, and number of teachers employed was 870.

At the date of this report, September 1884, the number of buildings is 83, with an estimate valuation of $3,647,313; total enrollment of pupils, 65,702, and number of teachers employed, 1,221.

These facts conclusively demonstrate the phenomenal growth of our Public School system, necessitated by the enormous increase in population and the rapid development of the commercial and manufacturing interests of our city.

SCHOOL SITES.

The failure to adequately supply the constantly increasing demand for Public School education does not arise from any want of energy or disposition on the part of the Board of Education to afford the facilities required, nor from any omission on the part of the City Council in providing the necessary funds, but is largely owing to the difficulties experienced in procuring sites for the erection of school buildings in suitable localities at reasonable prices. Under the existing law requiring the consent of the City Council in the purchase of property for use of schools, the Board is unable to afford the accommodation for school purposes so urgently needed. It is the settled conviction of your Committee that unless the power is vested in the Board, not only to select, but also to purchase property without the concurrence of the City Council, Chicago must continue to fall behind her needs in this respect.

Your Committee during the past year recommended to the Board the purchase of the following lots for use of schools, which recommendations were approved by

the Board, and the concurrence of the City Council requested in the purchase of said lots:

N. W. cor. Walnut and Paulina Sts., 157 x 112	$ 14,000
S. E. cor. Illinois and Cass Sts., 150 x 109	33,000
N. W. cor. Nebraska and Laflin Sts., 200 x 104.5	7,575
S. E. cor. Plum and Laflin Sts., 165.31 x 111.22	9,092
Leavitt St., between Lubeck and Coblentz, 216 x 100	3,150
N. W. cor. York and Laflin Sts., 150 x 125	9,500
Hudson Av., near Conners St., west front, 178 x 124	15,900
N. W. cor. Twentieth and Robey Sts., 150 x 125	4,200
W. Nineteenth St., near Ashland Av., 175 x 125	6,055
S. E. cor. Norton and Polk Sts., 162 x 105.5	14,000
Forquer, near Desplaines St., 175 x 115	15,750
Warren Av., near Oakley St., 144 x 126	14,000
Hudson Av., south of Black Hawk St., east front, 175 x 124.2	14,000

The City Council, after much tedious delay, concurred in the purchase of the first five lots above described, but for reasons unknown to your Committee rejected and refused concurrence in the purchase of the remaining eight lots.

Your Committee regret to report that at this date the only available sites remaining to their successors for improvement by the erection of buildings thereon, are the Garfield, Lincoln St. and Burr School Lots, notwithstanding a large fund is on hand available for the purchase of school sites and the erection of buildings.

SCHOOL BUILDINGS.

Your Committee, at the beginning of its term of office, found Mr. J. R. Willett discharging the duties

pertaining to the position of Architect and Superintendent of Construction, under whose plans and superintendence the following school buildings, then in various stages of completion, were erected and occupied for school purposes during the year:

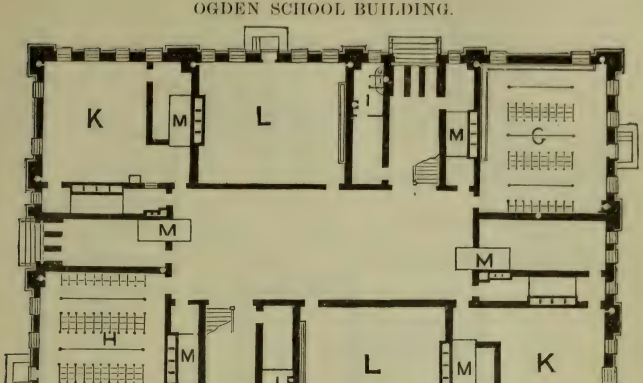
Schools.	Location.	No. of Class Rooms.	Seating Capcy.	Opened for Admission of Pupils.
South Div. High	Wabash Av. and 26th St	18	860	January, 1884.
Keith	Dearborn and 34th St	15	945	January, 1884.
Webster	Wentworth Av. and 33d St	15	945	January. 1884.
Irving	Lexington St. near Leavitt St	15	945	Will open Sept. 1884.
Wells	Ashland Av. and Cornelia St	15	945	February, 1884.
Ogden	Chestnut St. near State St	18	1200	May, 1884,

Your Committee submit, in connection with their report, the front elevations and the several floor plans of the Keith and Ogden buildings, embracing many new and valuable features in the construction of buildings intended for Public School use.

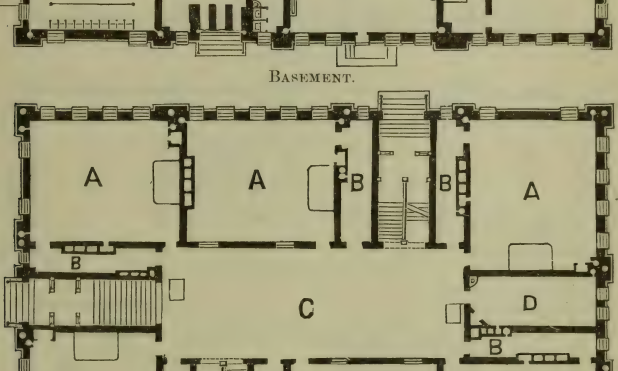
In the month of January last the term for which Mr Willett had been elected Architect to the Board expired, the Board electing as his successor, for the year 1884, Mr. J. J. Flanders, who, under the direction of your Committee prepared the plans and specifications and superintended the construction of the following new buildings:

Schools.	Location.	No. of Class Rooms.	Seating Capacity.	Contract Cost exclusive of Heating Appa'ts.	Cost of Heating Appa'ts.
Emerson	Walnut and Paulina Sts	15	945	$48,065 70	$ 4,850 00
Jefferson	Laflin and Nebraska Sts	15	945	47,866 00	5,729 00
Motley	Snell St., near Chicago Ave	15	945	43,724 00	2,585 00
Brenan	Lime, near 27th St	15	945	41,578 05	2,578 00
Arnold	Burling and Center Sts	15	945	43,856 00	2,573 00
Von Humboldt	Rockwell Av. and Hirsch St	15	945	43,972 20	2,579 00
Knud Langland	Courtlandt St., near Leavitt	12	756	34,937 50	2,177 00
Thomas Hoyne	Cass and Illinois Sts	15	945	44,800 55	5,300 00
Haven	Wabash Av., near 16th St	24	1400	69,477 11	6,775 00

OGDEN SCHOOL BUILDING.



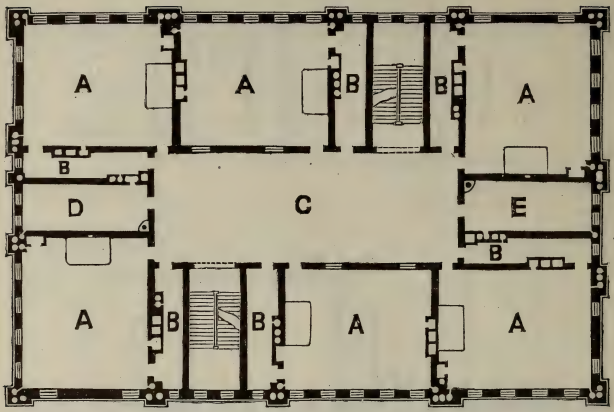
BASEMENT.



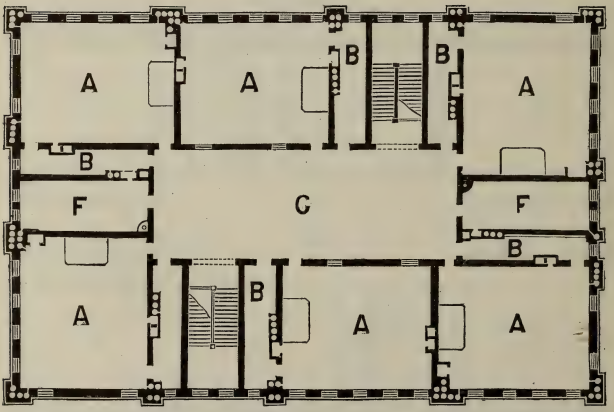
FIRST FLOOR.

A, A, A—Class Rooms. C—Corridor. G—Girls' Water Closet.
B, B, B—Wardrobes. D—Principal's Room. H—Boys' Water Closet.
I & J—Teachers' Water Closets. L L—Play Rooms.
K K—Fuel Rooms. M, M, M—Furnaces.

OGDEN SCHOOL BUILDING.



SECOND FLOOR.



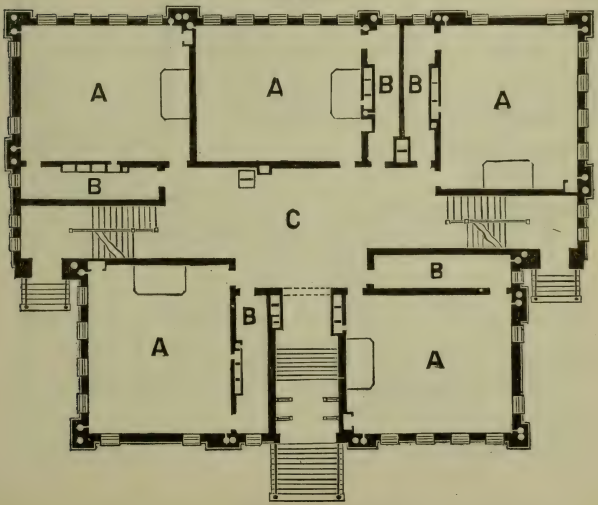
THIRD FLOOR.

A, A, A—Class Rooms.
B, B, B—Wardrobes.
C—Corridor.
D—German Recitation Room.
E—Library Room.
F F—Recitation Rooms.

KEITH SCHOOL BUILDING.



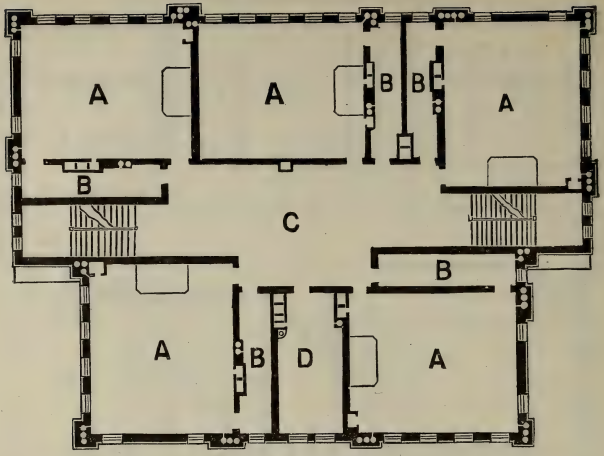
BASEMENT.



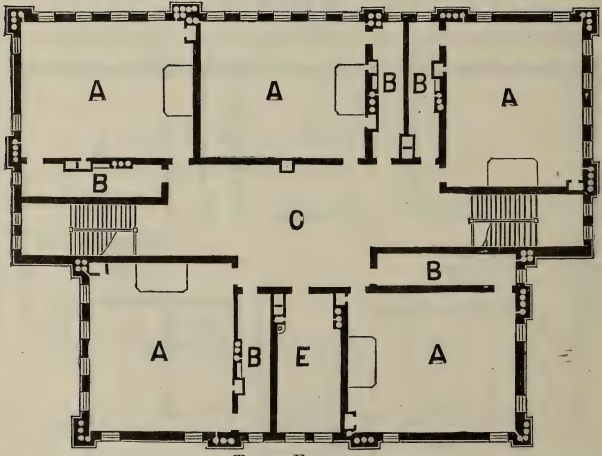
FIRST FLOOR.

A,A,A—Class Rooms. F—Girls' Water Closet. J—Boys' Play Room.
B,B, B—Wardrobes. G—Boys' Water Closet. K—Girls' Play Room.

KEITH SCHOOL BUILDING.



SECOND FLOOR.



THIRD FLOOR.

A, A, A—Class Room.
B, B, B—Wardrobes.
C—Corridor.
D—Principal's Room.
E—German Recitation Room.

Your Committee have devoted much of their time and previous experience, in consultation with the Architect with a view to making these buildings as perfect as possible in regard to essential details, which are now generally recognized as necessary in buildings devoted to school use; and your Committee have reason to believe that their efforts in this direction have led to the adoption of many valuable features from a sanitary point of view, not heretofore attained in the construction of our Public School buildings. The above named buildings are now in a forward state of completion, and will be ready for occupation early in the spring.

The sale of the Third Avenue School property to the Chicago and Western Indiana R. R. Co., leaving this district, after June 30, 1885, without any provision whatever for school accommodations, forced upon the Committee the duty of providing some way out of the difficulty. The recommendation of their predecessors to consolidate the Third Avenue with the Haven School District, to take down the old building then standing on the Haven school lot, and to erect in its place a first-class building of sufficient capacity to accommodate the pupils of both Districts, commended itself to your Committee as the best possible solution of the difficulty, and your Committee made this recommendation to the Board, which, after repeated attempts on the part of the Board to solve the difficulty of providing for the pupils of the Third Avenue District in other ways, was finally adopted, and the old

Haven building was removed, and in its place a twenty-four room building is now in course of erection, which it is believed will be a lasting credit to the Board.

The erection of the twelve room building known as the Knud Langland School, on the lot on Courtland St., necessitated the removal therefrom of the old frame building formerly occupied and known as the Holstein Branch of the Wicker Park School, which, under the authority of the Board was removed to the school site on Leavitt St., between Lubeck and Coblentz Sts. The building was put in good repair, and is still occupied for school purposes.

During the year, the Board acquired by purchase the one story frame building, 26 x 85 feet, then standing on the southwest corner of 20th St. and Wentworth Av.; this building was removed across the street to the Wentworth Av. School lot, and fitted up for school purposes, affording ample accommodation for 126 pupils, and relieving to this extent the over-crowded condition of the Wentworth Av. School.

During the night of the nineteenth of April, a most malicious and determined attempt was made by some evil disposed person or persons to destroy by fire the building known as the West Division High School, on the corner of Morgan and Monroe Sts. From an examination made at the time it appeared that kerosene oil and other inflammable substances were used to fire the building in no less than five separate places in the center class rooms and wardrobes of the first and

second floors, and which, but for the timely discovery by a citizen passing on Monroe St., and the prompt attendance and efficient services of the Fire and Police Departments, must have resulted in the total destruction of the building. Notwithstanding a reward of $200 was offered by the Board for information which would lead to the discovery of the perpetrators of the infamous attempt to destroy the building, and the enlistment of the active services of the detective force of the city, no reliable trace has been discovered as to the parties guilty of the crime.

HEATING AND VENTILATION.

The heating and ventilation of the following school buildings have been satisfactorily perfected during the past year by the introduction of the Ruttan Furnace system—Division and Cleaver St., Headley, Pickard, Sheldon, Scammon, (brick building), Ward and Wentworth Av.; and the heating and ventilation of the north half of the Lawndale School has been completed. The imperfect ventilation formerly existing in the old Brown School building has, during the past year, been remedied by the construction of new steam heating apparatus and the erection of separate independent foul air ducts, for each class room, terminating in central air chambers in the attic of said building, from whence the foul air is discharged by aid of artificial heat, through air shafts above the roof.

Many buildings yet remain, the ventilation of which is very defective, and your Committee directs the early attention of their successors thereto.

RENTED BUILDINGS.

In addition to premises rented and occupied for school purposes at the beginning of the year, the Board has since authorized the leasing of additional rooms for the accommodation of the Haven School pupils in the basement of the Jewish Synagogue, on Michigan Avenue, near 15th Street, and in three store buildings on Wabash Ave., near 16th St.; and for use as a Branch of the Oakley School, the two first or main floors of the building on Indiana St., near Oakley Avenue, known as the Mission House.

The following rented premises have been vacated during the past year, being no longer required for school purposes: Douglas Branch, on Dearborn St., closed on opening of Keith School; Kinzie Branch, pupils transferred to Kinzie and Ogden Schools; Ogden Branch, on N. Clark St., closed on opening of Ogden School.

The following is a statement of rented buildings occupied for school purposes, now under lease to the Board, some of which can be discontinued on the opening of buildings now in course of erection :

SCHOOLS.	PREMISES OCCUPIED.	LEASE EXPIRES.	ANNUAL RENTAL.	SEATING CAPACITY	Can be closed on opening of
Central Park Br.	Bld'g cor. Springfield Av. and Kinzie Street	July 1, 1885	$ 240	50	
Carpenter Br.	Church Building cor. Center Av. and Huron Street	Jan. 1, 1885	420	126	Motley
Clarke Branch	Church Building cor. Ashland Av. and Hastings St.	July 1, 1885	720	212	Jefferson
Br. of Wicker P'k	815 and 817 Tallman Av	July 1, 1885	700	250	Von Humboldt
Oakley Branch	Mission House, Indiana St.	June 30, 1886	720	126	
Haven Branch	Basem't Ch. Bld'g, Mich. Av.	May 1, 1885	1,200	250	Haven
Haven Branch	Stores 1,547, 1,549, and 1,551 Wabash Av.	May 1, 1885	1,440	200	Haven
	Total		$ 5,440	1214	

PERMANENT IMPROVEMENTS.

Improvements and additions of a permanent character have been made during the year to schools as follows :

The reconstruction of pupils' water closets in the basement of the Division and Cleaver St. School building.

The reconstruction of the frame water closet buildings of the Scammon School.

Removal of old stairways and landings of the old Brown School building, and the construction of new stairways, etc.

Fitting up additional class rooms in the basement of the Burr School building.

Putting in additional windows to improve the lighting of the class rooms of the Skinner, Newberry and Kinzie School buildings.

Construction of outside stone steps to front entrance of Marquette School building

Construction of street curb walls on two sides of the Jefferson School lot.

Filling and grading with earth the following school lots : Brenan, Jefferson, Motley and Thomas Hoyne.

Coating with cinders the lots of the Keith, Webster, Wells, Scammon and Wentworth Avenue School buildings.

Construction of fences and sidewalks on the lots of the Brenan, Jefferson, Emerson, Motley, Arnold, Von Humboldt and Thomas Hoyne School buildings.

Laying new shingle roofs on the Brown, Polk St., West Fourteenth St., Foster and Wentworth Av. School frame buildings.

Construction of iron hand rails on both sides of the stairways of the Washington School building.

GENERAL REPAIRS.

Under this head a very large amount of repairs to buildings, sidewalks and grounds have been made during the year, consisting in part of painting the exterior surfaces of the Burr, Clarke, Division and Cleaver St., Foster, Franklin, Headley, Jones, King, Ward, Washington, Wells and West Fourteenth St. School buildings

The painting of the exterior surfaces of the Sheldon School building and outhouses, together with the fences surrounding the lot, was done at the expense (by re-

quest) of E. H. Sheldon, Esq., in honor of whom the school was named.

Calcimining the interior plastered surface of the Brighton, Brown, Central Park, Cottage Grove, Division and Cleaver St., Elizabeth St., Foster, Garfield, Hayes, Jones, King, Kinzie, La Salle, Lincoln, Pearson St., Polk St., Sheridan, Third Av., Wallace St., Washington, Wentworth Av., West Fourteenth St., Wicker Park and West Division High School buildings.

Repairing the roofs of Clarke, Marquette, King and Sheldon School buildings.

Rebuilding the whole or part of the sidewalks and fences of the Burr, Clarke, Division and Cleaver St., Elizabeth St., Franklin, Headley, La Salle, Moseley, Scammon, Sheridan, Sheldon, Skinner, Vedder St., West Fourteenth St., and Holstein Branch of Wicker Park.

Repairing plastering in the Brighton, Brown, Division and Cleaver St., Elizabeth St., Franklin, Hayes, King, Kinzie, Pickard, Wentworth Av., West Fourteenth St., and Holstein Branch of Wicker Park.

Your Committee believes that the present general state of repair of all the school buildings, and the condition of the grounds, to be such as to leave no reasonable ground for complaint.

Your Committee desires, in closing their report, to acknowledge the valuable aid rendered them in the discharge of their duties by the Business Agent, Mr.

Matthew B. Hicks. They have, at all times, found him fully competent and strictly conscientious in the discharge of the varied duties of his position. His suggestions as to improvements and necessary repairs on old buildings, and as to arrangement and details of new buildings, have been very serviceable to your Committee, and they feel that it would be difficult to find a person better fitted to fill this important position.

The Architect, Mr. J. J. Flanders, has shown himself well qualified for his position. The buildings erected during the year, according to plans and specifications prepared by him and erected under his supervision, contain many features, especially in the matter of light and ventilation, which, in the opinion of the Committee, are a very great advance over the buildings previously erected, and the Committee consider them as model school buildings, fully equal, if not superior, to any in the country.

PAUL O. STENSLAND,
NORMAN BRIDGE,
FRANK WENTER,
Committee on Buildings and Grounds.

REPORT OF COMMITTEE

ON

FINANCE AND SALARIES.

Your Committee on Finance and Salaries respectfully present their report, in detail, of the expenditures on account of the Board of Education, for the school year ending June 30, 1884, as follows:

SCHOOL TAX FUND.

Salaries—			
Superintendents and Teachers	$843,265 22		
Less amount charged to School Fund	324,265 22		
		$519,000 00	
Office Employes	$ 11,790 74		
Less amount charged to School Fund	1,000 00		
		$ 10,790 74	
Engineers and Janitors		69,833 58	
			$599,624 32
School Sites—			
Snell Street, near Chicago Avenue		$ 8,208 00	
Rockwell Street, corner Hirsch Street		4,694 00	
Walnut Street, corner Paulina Street		14,000 00	
Burling Street, corner Center Street		11,880 00	
Nebraska Street, corner Laflin Street		7,575 00	
Illinois Street, corner Cass Street		33,000 00	
			79,357 00
New Buildings—			
On account of Contracts for Erection of			295,536 93
Incidental Expenses connected with Erection of New Buildings—			
Architects' Services		$ 4,000 00	
Earth Filling on Lots		3,998 87	
Construction of Fences, Sidewalks, etc		4,220 69	
Heating Apparatus		21,680 15	
Surveyors' Fees		250 00	
Services of Watchman		220 00	
Cleaning		45 00	
Extras on Contracts		1,623 30	
			36,038 01
Amount carried forward			$1,010,556 26

Amount brought forward		$1,010,556 26
Furnishing New Buildings—		
Principals' Desks	$ 237 90	
Teachers' Tables	827 00	
Pupils' Seats and Desks	20,800 80	
Chairs	633 92	
Clocks	392 30	
Book Cases	216 63	
Teachers' Wardrobes	91 80	
		23,200 35
Permanent Improvements—		
Filling and Cindering School Lots, as follows:		
Douglas School	$ 144 90	
Foster "	25 50	
Hayes "	196 47	
Holden "	670 23	
Moseley "	27 00	
Pearson St."	108 80	
Pickard "	120 00	
Scammon "	115 04	
Ward "	91 60	
West Jackson St. School	260 00	
Painting exterior work of the following buildings:		
Carpenter School	487 00	
Cottage Grove School	230 00	
Dore "	420 00	
Douglas "	565 00	
Holden "	478 00	
Lincoln "	493 00	
Lincoln Street "	377 00	
Newberry "	620 00	
Pearson Street "	357 00	
Polk Street "	370 00	
Skinner "	590 00	
Construction of Stone Curb Wall at Pearson Street School lot	792 00	
Putting in New Windows at Douglas School Building	72 96	
Stone Tablet, Caps and Sills, " " "	112 00	
Stone Tablet, Headley School Building	18 00	
Renewing Shingle and Composition Roofs of—		
Brown School Building	326 91	
Foster " "	222 00	
Kinzie " "	75 00	
Pickard " "	75 00	
Polk St. " "	136 25	
Wentworth Av. School Building	58 00	
West Fourteenth St. School Building	294 00	
Cement Paving in Basements of—		
Carpenter School Building	380 00	
Holden " "	427 75	
Foster " "	530 27	
Skinner " "	93 50	
Vedder St. " "	619 37	
Construction of Water Closets in Basement of—		
Brown School Building	137 72	
Amounts carried forward	$ 11,117 27	$1,033,756 61

Amounts brought forward	$ 11,117 27	$1,033,756 61
Dore " "	91 87	
Douglas " "	14 75	
Foster " "	1,164 36	
Newberry " "	84 80	
Lincoln " "	142 28	
Pearson St." "	49 40	
Skinner " "	99 35	
For providing proper Ventilation at—		
Douglas School Building	1,604 77	
Haven " "	300 00	
Moseley " "	1,627 70	
Newberry " "	3,173 98	
Window Ventilators	16 50	
Transom Lifters	68 84	
Changing Stairs at Moseley School Building	886 76	
Changing Stairs at Scammon " "	949 69	
Re-laying Floors at Moseley " "	517 79	
Re-laying Floors at Scammon " "	902 91	
Re-plastering Halls at Franklin " "	88 05	
Re-plastering Halls at Moseley " "	350 00	
Iron Pipe Rail, Scammon " "	53 18	
		23,304 25
COMPLETING NEW OFFICES IN CITY HALL		330 28
FURNISHING NEW OFFICES IN CITY HALL		1,111 50
GENERAL REPAIRS TO BUILDINGS—		
Masonry and Brick Work	$ 745 69	
Lathing and Plastering	1,197 88	
Painting	1,101 07	
Calcimining	2,085 00	
Repairing Roofs	731 56	
Repairing Conductor Pipes	380 52	
Repairing Ashpalt or Cement Floors	438 00	
Re-lining Urinal Troughs	55 48	
Plumbing and Gas Fitting	1,227 43	
Cleaning Sewers and Catch Basins	286 43	
Area Rails and Wire Window Guards	164 00	
Window Glass and Putty	387 96	
Repairing Locks, Keys, etc	35 51	
Cleaning Buildings	402 50	
Hardware and Nails	1,159 59	
Lumber	2,319 60	
Sash, Doors and Mouldings	431 15	
Carpenters and Laborers Wages	4,295 02	
Black Board Slating	2,524 06	
Board and Care of Horses	543 20	
Repairs to Wagons, Harness, etc	18 35	
Mortise Machine	103 80	
		20,633 80
REPAIRS AND ADDITIONS TO HEATING APPARATUS—		
New Furnaces at—		
Burr School Building	$ 2,039 00	
Amounts carried forward	$ 2,039 00	$1,079,136 44

Amounts brought forward	$ 2,039 00	$1,079,136 44	
Cottage Grove School Building	1,777 00		
Elizabeth St. " "	1,215 00		
Pearson St. " "	2,155 00		
Polk St. " "	1,752 00		
Vedder St. " "	1,931 00		
West 14th St. " "	1,834 00		
Ordinary Repairs and Renewals to Steam Heating Apparatus	4,420 19		
Ordinary Repairs to Furnaces and Stoves	1,775 56		
Covering Steam Supply Pipes	567 88		
Smoke Consuming Apparatus	550 00		
		20,016 63	
APPARATUS AND FURNITURE—			
Principals' Desks	$ 44 00		
Teachers' Tables	126 20		
Pupils Seats and Desks	6,934 45		
Chairs	91 01		
Recitation Benches	186 10		
Book Cases, Object Lesson Tables and Drawing Tables	3,322 09		
Repairs to Old Furniture	202 23		
Repairing and Cleaning Clocks	111 75		
Slate Markers	15 00		
Chart Easels	25 00		
Repairing Chemical and Philosophical Apparatus	52 00		
Ink Wells and Glasses	55 40		
Maps	101 75		
Charts	12 00		
Globes	97 50		
Drawing Models, etc	468 90		
Reference Books	1,671 97		
Plated Numerals	18 33		
Waste Baskets	19 50		
Picture Frames	4 50		
		13,559 68	
RENTAL OF PROPERTY OCCUPIED FOR SCHOOL PURPOSES—			
Offices of Board of Education	$ 2,600 00		
School Fund Lots	3,217 58		
Rooms and Buildings for use of Schools	4,304 90		
		10,122 48	
TAXES AND SPECIAL ASSESSMENTS—			
Taxes for 1880 on Huron Street School Lot	$ 149 41		
Sixth and Seventh Installment Lincoln Park Ass't, LaSalle School Lot	29 12		
Sixth Installment Lincoln Park Ass't, Oak St. School Lot	5 94		
Water Service Pipe, Wells School Lot	17 43		
Curb Walls in front of Throop School Lot	1,360 00		
" " " Newberry " "	157 20		
Filling and Grading Throop Street, Throop School Lot	179 01		
" " " " Longfellow School Lot	203 58		
Curbing, Grading and Paving Page St., Brown " "	528 94		
" " " Fulton St., Hayes " "	372 40		
" " " LaSalle Av., Kinzie, "	411 00		
" " " Wabash Av., Raymond "	1,400 63		
" " " Lincoln St., Lincoln St. "	950 40		
		5,765 06	
Amount carried forward		$1,128,600 29	

Amount brought forward		$1,128,600 29
Fuel—		
Coal	$ 41,277 27	
Wood	268 75	
		41,546 02
School Supplies—		
Chalk Crayons	$ 218 25	
Slate Pencils	192 73	
Ink	279 50	
Cap Paper	155 94	
Blank Books and Stationery	191 98	
Postage	283 00	
Re-binding Reference Books	167 12	
Wrapping Paper and Twine	80 56	
Pointers	21 60	
Map Pulleys and Cord	5 08	
Black Board Erasers	439 66	
Telegrams	39 01	
Express Charges and Car Fare	18 65	
Rent of Telephone	125 00	
Repairing and Tuning Pianos	38 00	
High School Diplomas	3 00	
Chemicals for Use in High Schools	27 43	
City Directory and State Directory	10 00	
Revised Statutes of Illinois	3 00	
		2,297 51
School House Supplies—		
Screens for Stoves and Steam Coils	$ 45 48	
Floor Brooms and Handles	702 25	
Corn Brooms	93 40	
Dusting Brushes	135 25	
Scrub Brushes	17 50	
Stove Brushes	12 00	
Paint and Whitewash Brushes	18 50	
Water Pails	11 40	
Soap	56 25	
Stove Polish	5 50	
Dust Pans	10 50	
Coal Hods	16 75	
Coal Scoops	21 50	
Common Shovels	18 00	
Hand Rakes	11 00	
Wheelbarrows	36 00	
Rubber Hose	141 04	
Leather Belting	57 32	
Rubber Packing and Gaskets	46 33	
Drinking Cups	19 20	
Ice for Office	14 30	
Gas for Office	68 00	
Window Shades	180 93	
Sash Cord	63 34	
Rat and Mouse Traps	18 72	
Machine and Kerosene Oil	101 40	
Cotton Waste and Wick	10 00	
Ink Jugs and Ink Vents	23 97	
Amounts carried forward	$ 1,955 83	$1,172,433 62

Amounts brought forward	$ 1,955 83	$1,172,443 82	
Wrenches	21 92		
Hammers	19 60		
Buck Saws	13 50		
Axes	10 50		
Screw Drivers	5 05		
Putty Knives	4 00		
Letter Boxes	30 26		
Call Bells and Gongs	69 00		
Sponges	27 26		
Thermometers	38 15		
Lanterns	14 00		
Disinfectants	50		
Carrying up Coal at Office	14 50		
Window Platforms	83 00		
Holland Cloth	74 69		
Key Rings	8 90		
Special Police Stars	13 70		
Matches and Sundries	25 93		
		2,435 29	
PRINTING AND ADVERTISING—			
Publishing Twenty-Ninth Annual Report	$ 786 44		
Publishing Graded Course	63 49		
Publishing Proceedings of Board	581 65		
Miscellaneous Printing	1,895 93		
Advertising	603 35		
		3,930 86	
DRAWING EXHIBIT AT MADISON, WIS.—			
Drawing Paper, etc		56 43	
EVENING SCHOOLS—			
Teachers' Salaries	$ 21,916 00		
Engineers' and Janitors' Salaries	2,444 00		
Gas and Oil	735 72		
Lamps and Lamp Chimneys	199 31		
Gas Pipe and Fittings	208 20		
Fuel	2,158 84		
Printing	38 40		
		27 700 47	
Total Amount on account of School Tax Fund		$1,206,566 87	

SCHOOL FUND.

Your Committee have audited the receipts and expenditures on account of the School Fund, for the year ending June 30, 1884, which are as follows:

SCHOOL FUND PRINCIPAL.

RECEIPTS.

Cash on hand for Investment June 30, 1883		$ 325 63
One per cent. interest on $68,000 City Chicago 7 per cent. Bonds in liquidation of premium paid thereon	$ 680 00	
Amounts carried forward	$ 680 00	$ 325 63

Amounts brought forward	$ 680 00	$ 325 63		
Scanlan & Hand, Mortgage Notes, Nos. 2, 5, 7. 9, 10, 12, 15 and 19	9,111 46			
		9,791 46		
			$	10,117 09

EXPENDITURES.

Amount invested in purchase of 3 City Chicago 4 per cent. Bonds, face value $1,600	$ 1,650 00			
Amount invested in purchase of 12 City Chicago 4½ per cent. Sewerage Bonds, face value $4,709	5,009 12			
		$ 6,659 12		
Cash on hand for Investment June 30, 1884		3,457 97		
			$	10,117 09

SCHOOL FUND INCOME.

RECEIPTS.

Cash on hand June 30, 1883			$ 14,444 94	
Rentals—				
Of School Fund Property		$ 152,566 10		
State School Tax—				
Balance for 1882	$ 23,641 19			
On account of 1883	125,000 00			
		148,641 19		
School Tax Fund—				
Amount transferred to pay Teachers		519,000 00		
Interest on Investments in—				
City Chicago Bonds	$ 14,346 50			
Cook County Bonds	770 00			
Mortgage Loans	2,378 78			
		17,495 28		
Sale of Grass on 80 Acres in Town of Lake		40 00		
			$ 837,742 57	
				$ 852,187 51

EXPENDITURES.

SALARIES—				
Superintendents and Teachers	$ 843,265 22			
School Agent	1,000 00			
		$ 844,265 22		
MISCELLANEOUS—				
Dower of Margaret O'Donoghue in Barker Lot	$ 75 00			
Rent of Box in National Safety Deposit Vault	30 00			
Interest on Bonds Purchased	71 82			
Re-binding Plats of School Fund Property	2 00			
		178 82		
SCHOOL CENSUS—				
Enumerators and Superintendent	$ 5,008 50			
Printing and Stationery	141 02			
Map of City	12 00			
		5,161 52		
			$ 849,605 56	
Cash on hand June 30, 1884			2,581 95	
				$ 852,187 51

INVESTMENT OF PRINCIPAL OF SCHOOL FUND.

Your Committee also report that, in accordance with their duties as prescribed in Section 6, Part II., of the Rules and Regulations of the Board, adopted September 22, 1881, they have examined, audited and found correct the securities in the hands of the School Agent, representing the investment of Principal on account of the School Fund, as follows:

Amount of School Fund Principal June 30, 1884			$ 275,474 94
INVESTED AS FOLLOWS.			
BONDS—			
44 City Chicago 4 per cent. Bonds	$ 16,600 00		
22 " " 4½ " " "	8,250 00		
201 " " 7 " " "	201,000 00		
	$ 225,850 00		
11 Cook County 7 per cent. Bonds	11,000 00		
		$ 236,850 00	
LOANS—			
On Mortgage Security	$ 18,700 00		
On Bills Receivable	50 00		
		18,750 00	
Real Estate taken on foreclosure of Mortgage, "Barker Lot," being the S. 10 feet of Sub Lot 3, and the N. 10 feet of Sub Lot 4, of Lots 7 and 10 in Block 2, Frac. Sec. 15	$ 3,000 00		
"Busby Lot," being the N. ½ of Lot 14, Block 60, of Russell, Mather and Roberts' Addition to Chicago	850 00		
		3,850 00	
Premium on Bonds		10,431 65	
Securities in Suspense—			
Mortgage Loans	$ 421 00		
Bill Receivable	1,714 32		
		2,135 32	
Cash on hand for Investment June 30, 1884		3,457 97	
			$ 275,474 94

SPECIAL FUNDS.

Your Committee have also audited the receipts and expenditures on account of the various Special Funds held in trust by the School Agent, for the year ending June 30, 1884, as follows:

RECEIPTS.

Cash on hand June 30, 1883		$ 1,575 44	
Interest on Principal Invested on Account of—			
Moseley Book Fund	$ 770 00		
Foster Medal Fund	70 00		
Newberry Fund	40 00		
Jones Fund	70 00		
Carpenter Fund	70 00		
Michael Reese Fund	80 00		
W. K. Sullivan Fund	12 00		
		1,112 00	
Hesing German Fund		50 00	
State Savings Institution—			
Dividend on amount to credit of Holden Fund		12 28	
			$ 2,749 72

EXPENDITURES.

Moseley Book Fund	$ 813 92		
Foster Medal Fund	70 80		
Newberry Fund	49 32		
Jones Fund	29 49		
Carpenter Fund	171 88		
Michael Reese Fund	120 96		
Hesing German Fund	11 03		
		$ 1,267 40	
Cash in hands of School Agent, June 30, 1884		1,482 32	
			$ 2,749 72

JONATHAN BURR FUND.

Your Committee submit the following statement of the receipts and expenditures on account of the Jonathan Burr Fund, held in trust by the City Comptroller, for the use of Schools, for the year ending June 30, 1884.

INCOME ACCOUNT.

RECEIPTS.

Cash on hand in City Treasury June 30, 1883		$ 1,283 03	
Interest on Principal Invested in—			
City Chicago 7 per cent. Bonds	$ 490 00		
City Chicago 6 " " "	120 00		
Cook County 5 " " "	550 00		
		1,160 00	
			$ 2,443 03

EXPENDITURES.

Text Books for use of Indigent Scholars	$ 1,043 98		
Books of Reference	464 94		
Arithmetical Charts	280 00		
Drawing Studies and Models	85 23		
Sight Tests	7 00		
		$ 1,881 15	
Cash on hand in City Treasury June 30, 1884		561 88	
			$ 2,443 03

INVESTMENT OF SPECIAL FUNDS.

Your Committee also report that they have examined, audited and found correct the securities in the hands of the School Agent, representing the Principal of the Special Funds, invested as follows:

Moseley Book Fund, City Chicago, 7 per cent. Bonds, par value $11,000	$ 10,400 00	
Foster Medal Fund, City Chicago, 7 per cent. Bonds	1,000 00	
Carpenter Fund, " " 7 " " "	1,000 00	
Jones Fund, " " 7 " " "	1,000 00	
Newberry Fund, " " 4 " " "	1,000 00	
Michael Reese Fund, " " " " " "	2,000 00	
W. K. Sullivan Fund, " " " " " "	300 00	
		$ 16,700 00

Your Committee also submit a statement of the amount now invested on account of the Principal of the Jonathan Burr Fund, the revenue from which is applicable to the purchase of books of reference, apparatus, works of art, text books, etc., for the use of schools.

Amount of Principal of Burr Fund, for use of schools	$ 19,671 09	
Amount transferred from Income Account	328 91	
		$ 20,000 00
INVESTED AS FOLLOWS.		
Seven City Chicago 7 per cent. Bonds	$ 7,000 00	
Two City Chicago 6 " " "	2,000 00	
	$ 9,000 00	
Seventeen Cook Co. 5 " " "	11,000 00	
		$ 20,000 00

CONRAD L. NIEHOFF,
THOMAS BRENAN,
ALLAN C. STORY,

Committee on Finance and Salaries.

REPORT OF COMMITTEE

ON

EVENING SCHOOLS.

To the Board of Education of the City of Chicago:

GENTLEMEN:—The sessions of the Evening Schools for the school year 1883–84, commenced October 8, and the majority of the schools remained in session twenty weeks, closing February 29.

There were three Evening Schools in the North Division of the city, held in the Kinzie, Franklin and Newberry School Buildings; three in the South Division, held in the Jones, Ward and Brighton School Buildings, also a school for news boys held at the News Boys' Home; and ten in the West Division, held in the Scammon, Polk Street, Foster, Throop, Pickard, King, Hayes, Lincoln Street, Wells, and Sangamon Street School Buildings; making eighteen Evening Schools in all. They were all opened at the beginning of the session except the Hayes, which commenced at the beginning of the second week. In consequence of the falling off in attendance, the King Evening School was closed at the end of the fifteenth week, and the Lincoln Street Evening School at the close of the sixteenth week. The school at the News Boys' Home was continued until May 10.

STATEMENT SHOWING ATTENDANCE AT EACH OF THE EVENING SCHOOLS.

Schools.	Number of Evenings in Session.	Teachers.		Pupils.											
				Total Enrollment.			Total Number of Evenings Attendance.			Average No. Evenings Attendance for each Pupil Enrolled.			Average Attendance per Evening for the Entire Session.		
		Total Number Employed.	Total Number of Evenings Instruction.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Evening High	98	6	421	332	133	**465**	7,532	2,543	**10,075**	22.7	19.1	**21.7**	76.8	26.0	**102.8**
Kinzie	97	9	682	523	83	**606**	8,249	2,361	**10,610**	15.7	28.4	**19.5**	85.0	24.3	**109.3**
Franklin	98	11	934	420	91	**511**	18,686	4,599	**23,285**	44.4	50.5	**45.5**	190.7	46.9	**237.6**
Newberry	98	11	606	359	63	**422**	9,900	1,350	**11,250**	27.5	21.4	**26.6**	101.0	13.8	**114.8**
Jones	98	5	468	269	83	**352**	5,969	2,667	**8,636**	22.2	32.1	**24.8**	60.9	27.2	**88.1**
Ward	95	6	489	358	59	**417**	7,699	1,397	**9,096**	21.5	23.5	**21.8**	81.0	14.7	**95.7**
Brighton	96	4	384	177	57	**234**	3,851	2,905	**6,756**	21.7	50.9	**28.8**	40.1	30.3	**70.4**
News Boys' Home	135	1	94	66	0	**66**	3,539	0	**3,539**	53.6	0.0	**53.6**	26.2	0.0	**26 2**
Scammon	98	7	519	342	96	**438**	6,564	1,992	**8,556**	19.9	20.7	**19.5**	67.0	20.3	**87.3**
Polk Street	98	10	545	317	51	**368**	7,247	1,630	**8,877**	22.8	31.9	**24.1**	74.0	16 6	**90.6**
Foster	98	13	1056	637	144	**781**	19,062	5,402	**24,464**	29.9	37.5	**31.3**	194.5	55.1	**249.6**
Throop	98	11	995	599	134	**733**	16,967	4,038	**21,005**	28.3	30.8	**28.6**	173.1	41.2	**214.3**
Pickard	98	7	392	152	28	**180**	4,848	467	**5,315**	31.8	16.7	**29.5**	49.5	4.7	**54.2**
King	73	5	258	133	12	**145**	2,660	283	**2,943**	20.0	23.5	**20.3**	36.4	3.9	**40.3**
Hayes	88	5	335	154	50	**204**	3,929	1,277	**5,206**	25.5	25.5	**25.5**	44.7	14.5	**59.2**
Lincoln Street	78	6	341	209	66	**275**	4,176	1,147	**5,323**	19.9	17.3	**19.3**	53.5	14.7	**68.2**
Wells	98	9	729	526	67	**593**	12,898	1,164	**14,062**	24 5	17 3	**23.7**	131.7	11.7	**143.4**
Sangamon Street	98	7	589	522	135	**657**	10,945	2,775	**13,720**	20.9	20.5	**20.8**	111.7	28.3	**140.0**
Total	1,740	133	9,837	6,095	1,352	**7,447**	154,721	37,997	**192,718**	[25.3	28.1	**25.8**	1,597.8	394.2	**1,992.0**

The cost of maintaining the Evening Schools for the sessions of the school year 1883–84, is shown in the following tabulated statement:

Schools.	Expenditures.					Cost per pupil.	
	For Teachers.	For Janitors.	For Light.	For Fuel.	Total Expenditure.	On Total Enrollment.	On Average Attendance.
Evening High	$ 1,361 00	$ 58 80	$ 53 36	$ 37 38	**$ 1,510 54**	**$ 3 25**	**$ 14 69**
Kinzie	1,463 00	148 50	52 03	73 00	**1,736 53**	**2 86**	**15 90**
Franklin	1,956 00	220 50	49 77	109 50	**2,335 77**	**4 57**	**9 83**
Newberry	1,310 00	147 00	67 73	146 00	**1,670 73**	**3 96**	**14 55**
Jones	1,034 00	147 00	70 57	109 50	**1,361 07**	**3 87**	**15 46**
Ward	1,076 00	147 00	22 12	93 45	**1,338 57**	**3 21**	**14 00**
Brighton	866 00	144 00	16 59	54 75	**1,081 34**	**4 62**	**15 36**
Newsboys' Home	405 00	0 00	0 00	0 00	**405 00**	**6 14**	**15 46**
Seammon	1,136 00	88 20	80 04	56 07	**1,360 31**	**3 10**	**15 58**
Polk Street	1,188 00	147 00	22 12	73 00	**1,430 12**	**3 61**	**15 78**
Foster	2,210 00	147 00	111 40	93 45	**2,561 85**	**3 28**	**10 27**
Throop	2,088 00	245 00	55 30	109 50	**2,497 80**	**3 41**	**11 65**
Pickard	883 00	148 50	16 59	93 45	**1,141 54**	**6 34**	**21 06**
King	590 00	111 00	11 06	62 30	**774 36**	**5 34**	**19 21**
Hayes	758 00	132 00	16 59	91 25	**997 84**	**4 89**	**16 86**
Lincoln Street	761 00	118 50	11 06	54 75	**945 31**	**3 44**	**15 32**
Wells	1,555 00	147 00	99 20	109 50	**1,901 70**	**3 21**	**13 26**
Sangamon Street	1,276 00	147 00	91 00	73 00	**1,587 00**	**2 41**	**11 34**
Total	$21,916 00	$ 2,444 00	$ 837 53	$ 1,439 85	**$ 26,637 38**	**$ 3 58**	**$ 13 37**

In addition to the above expenditures, there was paid out for new gas fixtures and for gas fittings, $208.20; for new oil lamps and for lamp chimneys, $199.31; for printing class books and sundry blanks, $38.40. There was also charged to the account of Evening Schools during the year, $718.99, for fuel used during the previous year; and of the sum of $837.53 for light during the past year, bills to the amount of $101.80 were not audited till after the close of the year. The total amount charged to the account of Evening Schools for the year was $27,700.47.

The average attendance for the sessions in the various classes in the Evening High School has been as follows:

Branches of Study.	Males.	Females.	Total.
Phonography, Beginners	50.0	27.8	**77.8**
" Advance Class	18.8	14.3	**33.1**
Mechanical Drawing	23.2	0.1	**23.3**
Book Keeping	18.7	5.3	**24.0**
Mathematics	5.5	1.2	**6.7**
Total	116.2	48.7	**164.9**

The average attendance by classes in the Evening High School shows a larger average attendance than that reported in the table of attendance on page 96, for the reason that all of the above branches are not taught every evening during the week, and that the attendance in some branches is much larger than in others.

The enrollment during the sessions of 1883–84 has been nearly 500 greater than during the sessions of 1882–83; and the average number of evening's attendance for each pupil based on the total enrollment shows a decided improvement, being 25.3 evenings for each male, and 28.1 evenings for each female, for the sessions of 1883–84; the sessions of 1882–83 showing an average attendance 20.1 evenings for males, and 21.3 for females.

Jas. T. Healy,
Peter Conlan,
Frank A. Stauber,
Frank Wenter,
Paul O. Stensland,
Committee on Evening Schools.

REPORT OF COMMITTEE

ON

GERMAN.

To the Board of Education of the City of Chicago:

GENTLEMEN: Your Committee on German presents herewith their report for the year ending June 30, 1884.

The interest in the study of German in the schools has been manifested by the increase in the percentage of pupils in the grammar grades pursuing that study, from 49 per cent. during the year 1882–1883 to 54 per cent. during the past school year; showing an increase of five per cent.

In accordance with the recommendation of the Committee, made in its report of 1883, your honorable body rescinded the provision in the Rules, Sect 57, Part III, requiring a petition of one hundred parents of pupils in a school district for the introduction of German, and now the pupils in the grammar grades in all the schools have the privilege of studying German so soon as the number in any school desiring to pursue the study reaches fifty. Since this provision was made

the study has been introduced in all the Grammar schools in the city, except the Lawndale school, and there are only two of these schools where the pupils studying German falls below one hundred, and these schools have not yet formed classes in all of the grammar grades.

The number of classes formed during the year was 364, against 290 for the former year, and the number of pupils in these classes was 7,826 against 6,182 during the preceding year, an increase of 1,644, against an increase of 860 for the previous year. Of the total number, 487 belong to the High Schools, and 7,339 to the Grammar Grades. In the latter number the Irving, West Jackson St., Central Park and Brighton Schools are not included, since the study was not taught in them until September, 1884.

The number of teachers of German has been increased from 43, during the year 1882–83, to 55 for the past year. The number of schools in which German is not taught in the eighth grade has been diminished from 17 for the preceding year to 14, and some of these schools have no eighth grade pupils.

The number of pupils applying to the Superintendent for permission to discontinue the study was, during the entire year, only 128, a decrease of 26 in the number of such applications as compared with those of the year before; a gratifying improvement, particularly when taken in connection with the fact of there being

1,644 more pupils studying the language during the past year.

The following tabulated statement will show the progress made in this study in these various particulars:

Schools.	When introduced.	Number of Teachers.	Highest Number during the year.	Number of Classes.	Average Number of Pupils to a Class.	Number of Pupils who received permits to discontinue German during the year.
Armour Street	1881	1	121	8	15	0
Brown	1874	2	272	14	19	13
Burr	1880	1	157	8	19	8
Carpenter	1869	1	127	6	21	2
Clarke	1880	2	193	12	16	7
Cottage Grove	1868	1	130	8	16	5
Dore	1874	1	210	8	26	12
Douglas	1881	1	240	7	34	4
Foster	1880	2	326	13	25	1
Franklin	1866	3	580	7	31	5
Haven	1870	2	174	9	19	0
Hayes	1881	1	187	9	21	1
Headley	1880	1	146	8	18	0
Holden	1883	2	217	10	22	5
Jones	1880	1	100	4	25	0
Keith	1883	1	126	7	18	2
King	1877	1	136	6	22	2
Kinzie	1868	2	284	13	22	5
La Salle	1881	2	307	13	23	4
Lincoln	1871	2	228	12	18	4
Marquette	1880	1	156	9	17	0
Moseley	1866	2	335	14	24	5
Newberry	1866	2	228	14	16	0
Oakley	1882	2	159	11	14	4
Ogden	1871	2	348	16	21	4
Pickard	1880	1	116	5	23	3
Raymond	1880	1	103	5	20	0
Scammon	1870	1	114	4	28	0
Sheridan	1881	1	175	6	29	0
Skinner	1870	2	176	11	16	13
Throop	1882	2	239	12	19	8
Wallace Street	1883	1	117	6	19	7
Walsh	1883	1	132	6	22	2
Washington	1865	1	143	8	18	5
Webster	1883	1	134	7	18	0
Wells	1866	2	243	10	24	2
Wicker Park	1880	2	210	10	21	2
North Division High	.....	2	136	6	22	1
South " "	.....	1	141	5	28	0
West " "	.....	2	210	7	30	0
Total	.....	.....	7,826	364	.....	128

By comparison of the average number of pupils studying German in the Grammar Schools with the average daily membership in the grammar grades, we find the daily membership to be 12,935, the number

studying German was 6,397, being a percentage of 54.

The following tabulated statement shows the grades in which the study is taught in each school, the average daily membership in these grades, the number studying German, and the per cent. which these form of the average daily membership:

Schools.	Grades in which German is Taught.	Av. Daily Membership in these Grades.	Average Number of Pupils Studying German.	Per Cent. of Pupils Studying German.
Armour Street	5, 6, 7, 8,	267	109	41
Brown	5, 6, 7, 8,	740	237	31
Burr	5, 6, 7,	111	99	90
Carpenter	5, 6, 7,	222	110	50
Clarke	5, 6, 7, 8,	394	165	42
Cottage Grove	5, 6, 7,	334	118	35
Dore	5, 6, 7, 8,	362	192	53
Douglas	5, 6, 7,	411	207	50
Foster	5, 6, 7, 8,	530	278	52
Franklin	5, 6, 7, 8,	860	473	55
Haven	5, 6, 7,	250	152	61
Hayes	5, 6, 7, 8,	353	153	43
Headley	5, 6, 7, 8,	202	140	70
Holden	5, 6, 7, 8,	237	182	76
Jones	5, 6, 7, 8,	194	91	47
Keith	5, 6, 7,	100	89	89
King	5, 6, 7, 8,	365	122	34
Kinzie	5, 6, 7, 8,	404	249	61
La Salle	5, 6, 7, 8,	344	255	74
Lincoln	5, 6, 7, 8,	364	197	54
Marquette	5, 6, 7, 8,	431	138	30
Moseley	5, 6, 7, 8,	520	317	60
Newberry	5, 6, 7,	267	206	77
Oakley	5, 6, 7, 8,	305	137	45
Ogden	5, 6, 7, 8,	443	229	51
Pickard	5, 6, 7,	104	100	99
Raymond	5, 6, 7,	180	91	50
Scammon	5, 6,	180	109	60
Sheridan	5, 6, 7, 8,	220	156	70
Skinner	5, 6, 7, 8,	563	173	30
Throop	5, 6, 7, 8,	245	229	93
Wallace Street	5, 6, 7, 8,	143	103	72
Walsh	5, 6, 7,	153	114	74
Washington	5, 6, 7,	344	128	37
Webster	5, 6, 7,	143	123	86
Wells	5, 6, 7,	339	182	53
Wicker Park	5, 6, 7, 8,	311	204	66
Total		11,935	6,397	54

The following statement will show the number of pupils in each grade studying German, and the proportion they bear to the average daily membership of the

several grades and to the whole number of pupils in German in all grades:

	Av. Daily Membership.	Av. Number Studying German.	Per Cent. of Daily Membership.	Per Cent. of Tot. No. Studying German.
Fifth Grade	5,471	3,696	68	57.8
Sixth Grade	3,393	1,603	47	25.0
Seventh Grade	2,057	793	37	12.4
Eighth Grade	940	305	32	4.8

The continuous growth of this department of instruction since the introduction of the study is shown in detail in the following table:

School Years.	Number of Schools in which German was Taught.	Number of Teachers of German.	Average Number of Pupils Studying German.	Increase.	Per Cent of Increase.	Decrease.	Per Cent. of Decrease.	Largest Number of Pupils Studying German during the Year.
1865-66	1	1	115	------	------	------	------	--------
1866-67	4	4	700	585	508	------	------	--------
1867-68	5	5	1,265	565	81	------	------	--------
1868-69	7	6	1,782	517	41	------	------	--------
1869-70	9	8	2,597	815	45	------	------	--------
1870-71	12	11	4,207	1,610	62	------	------	--------
1871-72	13	12	2,359	------	------	1,948	* 46	--------
1872-73	13	12	2,724	365	15	------	------	--------
1873-74	13	12	2,694	------	------	30	† 1	--------
1874-75	15	14	3,359	665	25	------	------	--------
1875-76	15	14	1,706	------	------	1,653	‡ 49	--------
1876-77	15	14	1,856	150	9	------	------	--------
1877-78	16	15	1,912	56	3	------	------	--------
1878-79	18	17	2,308	396	20	------	------	--------
1879-80	20	20	2,370	62	2	------	------	2,750
1880-81	29	30	3,981	1,611	68	------	------	4,546
1881-82	30	35	4,186	205	5	------	------	4,966
1882-83	32	43	5,106	920	22	------	------	6,189
1883-84	37	55	6,397	1,291	25	------	------	7,826

The table showing the number of pupils studying German in the High Schools shows a like satisfactory increase in the number of pupils:

* Caused by the Great Fire. † Caused by Financial Depression.

‡ Owing to the restriction of the study to the Grammar Grades.

School Year.	North Div. High.			South Div. High.			West Div. High.		
	Average Daily Membership.	No. Studying German.	Per Cent. of Pupils Studying German.	Average Daily Membership.	No. Studying German.	Per Cent. of Pupils Studying German.	Average Daily Membership.	No. Studying German.	Per Cent. of Pupils Studying German.
1875-76	96	21	22	223	62	28	334	52	15
1876-77	149	24	16	303	74	24	358	64	18
1877-78	209	29	14	312	76	25	587	73	13
1878-79	187	24	13	330	79	24	610	104	16
1879-80	213	25	12	362	82	22	602	98	16
1880-81	225	75	33	368	105	30	643	74	11
1881-82	297	126	43	391	96	24	689	114	16
1882-83	254	119	47	370	126	34	603	152	25
1883-84	270	136	50	400	141	34	640	210	32

The action of the parents of the children studying German in the Pickard School, in presenting prizes to the pupils showing greatest proficiency in the study of the language, has now grown into a well established custom. The prizes were awarded to: Louisa Rusch (*German*), Otto Fehling (*German*), Emile Meyer (*German*), Zoe Wood (*American*) and Louisa Schlorff (*German*).

The Hesing Prizes to pupils in the Kinzie School, for excellence in German, were awarded to the following pupils:

Gold Medals. Anna Kelwig, Stella Burkert (*American*), Mamie Grimes (*Irish*).

Silver Medals. Sophie Mikkelson (*Swedish*), Amelia Nussbaumer.

Books. Tillie Fehn, Lizzie Schultz, Emelie Rossing (*Swedish*), Walter Burkert (*American*), Arthur Berlizheimer, Stella Bolsted (*Norwegian*), Dora Barnett, Barbara Stang, Lulu Davison (*American*).

In addition to the regular text books, the "Kinder-

Post," a weekly illustrated publication, issued by W. W. Coleman, of Milwaukee, has been supplied to the children at the nominal rate of one cent per copy per month. This publication has become a favorite with the children and materially increases their interest in the study of the language In the collection and formation of a library in the Franklin School for which contributions were made by the patrons of that school, a portion of the funds so contributed was very justly assigned by the Principal, Prof. Albert R. Sabin, to the formation of the nucleus for a library of German books, and six hundred volumes of German juvenile literature are now in the library of that school, and are very generally read. Inasmuch as a large percentage of the patrons contributing to the funds for the purchase of books were Germans, this action was gratifying to them, and it is hoped the example may be followed by other Principals in districts where Germans reside in large numbers.

In conclusion we have but one suggestion to make, and this is a recommendation which has been frequently made to your honorable body, viz: that instruction in German should begin with the Third Grade instead of the Fifth. Some of the reasons which lead us to urge upon you this action are briefly as follows:—In the third and fourth grades of our schools there are about 18,000 children. Since in the fifth grade, the lowest in which German is now taught, 68 per cent. of the daily membership at present are studying German,

there is little doubt that 75 per cent. at least of the third and fourth grade pupils, or about 13,500 would choose this study if permitted to do so. To give instruction to this additional number of pupils would require but about twenty-six teachers to be added to the present teaching force, at an increased expense of but about $1,200 per month. The present cost of instruction to the 7,600 pupils studying German is $4,178 per month, (January 1885). By adding $1,200 per month to this expenditure instead of 7,600, over 20,000 pupils could have the advantage of the instruction in this language; the expense per pupil would thus be reduced from about 55 cents to 25 cents per month. Two years added to the course in German at this age would add inestimably to the efficiency of pupils, and to their conversational knowledge of the language.

Superintendent Peaslee of the Cincinnati Schools says in his Annual Report for 1883: "Two languages can be taught to children without detriment to either, but rather with advantage to both. The experience in Cincinnati, and all other places where it has been tried, proves this beyond question. How do you account for it? I answer this in brief, that a child can learn each day a little of a number of subjects, but not much of any one; that it can learn as much arithmetic, for instance in one half hour a day as in ten hours; that it will learn in the half hour all its mind can assimilate, and any attempt to give it more than this becomes a cramming, stultifying progress and defeats its own ends.

Again, the number of subjects relieves the mind of the child. The child needs change; tension in one direction must not be long maintained. It plays at one thing and then at another. The danger of cramming and over-burdening the minds of children lies in attempting too much in one or few subjects, and not in the direction of too many studies. . . . . I assert that the pupils of our schools who study German, learn just as much in the English branches; in some—as, for instance, composition—even more than they would learn by studying English only." Supt. Harris of the St. Louis Schools says: "I would rather give up German in the higher grades, than in the lower ones." These men are two of the foremost educators in the United States, and have had a long and varied experience in educational matters. The acquisition of a language is much more easily achieved at an early age than at a later period.

In the following cities the study of German begins with the lowest grades: St. Louis, Cincinnati, Milwaukee, Buffalo, Cleveland, Columbus, Dayton, St. Paul, Rochester, Baltimore, and others.

Further, permit us to add, that, judging from personal experience, our most sanguine hopes and expectations have been more than realized.

The fact that so many children of American, Irish, and Swedish descent show proficiency in the use of the German language, while the general progress of the pu-

pils has been marked and decided, ought to disprejudice the minds of all who were rather disinclined to the introduction of German in the Public Schools. From the status of a mere experiment, under the able guidance and definite direction of the talented Special Teacher, Dr G. A. Zimmermann, the study of German has emerged to that of a well-founded intellectual pursuit, and commences to bear its legitimate fruit already. To make it a complete success, the study of the German language should begin in the lower grades, as above recommended; the additional cost incurred would be amply repaid by results likely to accrue from so wise a step taken.

Thoroughness in the pursuit of any undertaking invariably leads to mastery and success in the domain of intellectual culture, and cannot fail to benefit the individual and the community alike.

Most respectfully submitted,

WILLIAM FLOTO,
C. L. NIEHOFF,
FRANK WENTER.
Committee on German.

REPORT OF COMMITTEE

ON

DEAF MUTE SCHOOLS.

To the Board of Education of the City of Chicago.

GENTLEMEN: The Committee on Deaf Mute Schools would report that the work in these schools during the past year has been carried on under the same teachers as during the previous year, and that the progress made by the pupils has been fully equal to that of former years. No change has been made during the year in the branches of study, except that in drawing, the pupils of the advanced class have taken up drawing from models.

The class in articulation and lip reading has been continued during the year, under the instruction of Miss Grace D. Emery. The instruction in this branch does not interfere with the regular exercises of the school, but is given after the close of the regular session for the day. After the close of the session of the day school, a few minutes recess is taken, and one hour is then devoted to the instruction in articulation and lip reading. The class has numbered nine pupils, and

much progress has been made in lip reading. They have learned to read from the lips of the teacher between five and six hundred words, but in the matter of articulation there is still the same aversion on the part of the pupil to this portion of the instruction. While it cannot be disputed that, except in rare instances, the organs of articulation are not impaired by reason of deafness, still the inability, on the part of the deaf person, to hear the speech of others and also his own vocalization, prevents him from using his vocal organs, for he is conscious that the result of all his efforts is very imperfect. He realizes this from the forced effort he is obliged to make to enunciate his words as compared with the ease and absence of all effort with which the hearing person converses; but there is a still more potent influence which operates against the deaf person, for he cannot fail to observe, being always on the alert with the eye, that there is, with many in his presence when he is making the effort to speak, a suppressed smile which he construes into what he calls "making fun of him." Of the nine pupils comprising the class in articulation and lip reading, there are but three who can be considered as good subjects in articulation, and these are all persons who were able to speak before losing their hearing. These pupils had previously attended the Public Schools, and had been able to speak, but, owing to their difficulty in hearing the teacher and the members of the class in the classroom, they were unable to keep up with their class-

mates, and finally connected themselves with the School for the Deaf Mutes. They readily acquired the sign or manual language, and made good progress in their studies.

While it cannot be denied that the articulate system has its place in the instruction of the deaf and dumb, and, with many, may become useful in after life, still, as a means of giving instruction in the various branches of study which make up the education of the deaf and dumb, it cannot take the place of the manual system. By the use of signs the teacher is enabled to give instruction to every member of the class, and can communicate with her pupils in any part of the room, while by the articulate system, even supposing that all the pupils were able to understand all the instruction given by the teacher, the instruction must become more individual in its character. Again, all deaf mutes acquire sufficient knowledge of the sign or manual language in a comparatively short time, to enable the teacher to begin the *education* of the pupil soon after entering school, while it takes much patience and much time before any instruction outside of the mere instruction in articulation itself can be imparted. It does seem, therefore, that the education of the deaf mute, so far as knowledge of the various branches of study is concerned, must necessarily be through communication by signs, and that the instruction in articulation should be limited to those who show an aptitude for acquiring this method, and this only as a means of

giving the deaf mute an additional aid in his communication with the outside world.

The number of different names enrolled during the year has been fifty-three. The following table shows the attendance at the various schools during the year:

Schools.	Total Enrollm't.			Number of Pupils left School during the year	Total Number of Days Attendance during the year.	Average Number of Days Attendance for each Pupil.	Per cent. of Attendance.
	Boys.	Girls.	Total.				
Advanced Class	5	3	8	2	1,276	127.6	80.9
Scammon	3	17	20	3	2 548	127.8	76.5
Division and Cleaver Street	4	6	10	1	1,152	115.8	86.8
Third Avenue	6	1	7	3	1.066	152 2	69.3
Sheldon	4	4	8	0	1,457	173.5	86.7
Total	22	31	53	9	7.499	141.3	79.1

The expenditures during the school year have been as follows:

Balance on hand July 1, 1883		$4,350 66
Expenditures for the year—		
For Teachers' Salaries	$4,142 50	
" Wages of Janitors	90 00	
" Arithmetical Chart	4 00	
" Writing Chart	1 00	
		4,237 50
Balance on hand June 30, 1884		$ 113 16

The ages of the pupils attending the school may be classified as follows:

Between 7 and 8 years	5	Between 13 and 14 years	5
" 8 and 9 years	2	" 14 and 15 years	9
" 9 and 10 years	4	" 15 and 16 years	6
" 10 and 11 years	3	" 16 and 17 years	2
" 11 and 12 years	8	" 17 and 18 years	1
" 12 and 13 years	8		

The length of time that pupils enrolled during the year have been connected with the City Day Schools for the Deaf and Dumb, is as follows:

For one year or less	10	For five years	4
" two years	11	" six years	3
" three years	6	" seven years	1
" four years	17	" eight years	1

The two pupils reported as having left the Scammon School, left to go to work, one at the close of the Fall Term, in December, and the other in April. All three of the pupils reported as having left the Scammon School, left on account of the removal of their parents from the city, one to Effingham, Ill., one to Nebraska, and one to Canada. The pupil reported as having left the Third Avenue School, left early in December; his residence being a long distance from the school, it is probable that his parents were unable to pay car fare when the severe winter weather set in. Three are reported as having left the Division and Cleaver Street School; one was injured in the neck during the month of November, and did not return; another left, in February, on account of sickness, being subject to fits; and the third left in May, being averse to the confinement of the school-room.

The per cent. of attendance for all the schools, 79.1, cannot be considered as very low for schools of this character; for the pupils in many instances are obliged to come long distances in order to reach their schools, notwithstanding their distribution in different sections of the city, and the parents, as a class, are not able to

pay car fare when the severe winter weather sets in or when there are severe storms, and, besides, many of the pupils have not the physical strength to enable them to endure severe exposure.

THOMAS BRENAN,
FRANK A. STAUBER,
PETER CONLAN,
Committee on Deaf Mute Schools.

REPORT OF COMMITTEE

ON

SANITARY AFFAIRS.

To the Board of Education of the City of Chicago:

GENTLEMEN: Your Committee on Sanitary Affairs has the honor to submit its annual report of the sanitary condition of the schools and school buildings, with an account of improvements made and recommended.

The health of the schools during the past school year has been good. No school has even been interrupted in its work by sickness among its pupils, and no serious epidemic of disease has occurred in the community.

The improvements in heating, ventilation and sewerage, which have been made recently in many of the school buildings, have caused a decrease in the aggregate number of complaints from teachers and parents of the unsanitary condition of school rooms, and when the further changes which the Board has ordered shall have been completed, the complaints will be few indeed.

SANITARY IMPROVEMENTS IN OLD BUILDINGS.

The improvements in the sanitary condition of school buildings actually made and undertaken, during the past year, have been, it is safe to say, more numerous and radical than those of any previous year in the history of Chicago, and probably they surpass any year's work in this direction ever done by any other city in any land. The improvements in ventilation alone have bettered the condition of more than 17,000 different pupils. Following is a statement of the more important changes:

* Thirteen old school houses having old style furnaces and defective ventilation, have had their heating apparatus removed and have received, instead, large Ruttan furnaces with good fresh air supply. At the same time the old foul air ducts, such as they were, have been discarded and in their stead large central shafts have been substituted. In the center of each large shaft stands an iron smokestack, which warms the air of the shaft, causing a rapid up-current and consequent exhaust of the foul air from the rooms. At a moderate estimate the changes mentioned give each school room effected by them more than twice, probably three times, as much fresh air as they formerly had, and reduce in the same ratio the fouling of the air the pupils breathe.

* These thirteen buildings are as follows: the old Brown, old Cottage Grove, Pearson St., Polk St., Vedder St., W. Fourteenth St., Division and Cleaver St., Headley, Pickard, new Scammon, Sheldon, Ward, and Wentworth Av.

With the temperature out doors at zero, Fahrenheit, the new apparatus put into these buildings supplies every pupil per hour an average of about* 1500 cubic feet of fresh air, while a corresponding volume of foul air is carried off. This statement is based on observations actually made with instruments of precision in the hands of experts who were entirely unconnected with the builders of the machinery.

In six buildings the work was completed in time to be tested during the severe weather of the past winter, when it gave entire satisfaction, and great comfort to the teachers and pupils.

There attended these thirteen schools during the past year, upwards of 13,000 different pupils. These children have, by the improvements made, passed from a stuffy and impure air into one approaching the ideal for an occupied room.

The Elizabeth St. School building, which had previously been heated by stoves, and was nearly as badly off for ventilation as the steam heated schools with direct radiation only, has been supplied with ventilating heaters which take fresh air through ducts leading out doors and pass it, heated, into the class rooms. Every room is there-

* It has elsewhere been stated that every pupil in school should receive at least 400 to 1,000 cubic feet of fresh air per hour. But the higher figure is far below the necessity for maintaining the atmosphere of a room in a *good* condition. Careful experiments, made by many hands at different times, show that there must be introduced into an occupied room, for every adult occupant, 3,000 cubic feet of fresh air per hour, in order to keep the carbonic acid gas in the room down to a proportion twice as great as that of the out door air.

by ensured a constant and fairly plentiful supply of fresh, warm air. By these changes over 1,000 different pupils were benefited.

The old Brown School building, which, heated wholly by direct steam radiation, has been one of the worst ventilated school houses in the city, has had a thorough overhauling and extensive repairs, including the introduction of indirect steam radiation and very liberal central ventilation shafts, which make it now one of the most sanitary school buildings in the city. These changes have brought relief and comfort to more than 750 different pupils.

The ventilation of the Douglas School building had never been satisfactory, owing to the smallness of the flues, and to the fact that they discharged their air into the general space of the attic, to find its final exit through a large central opening in the roof. During the year steam coils have been placed in the attic at the top of the outer wall flues, which serve to accelerate the upward movement of the air in the shafts to the marked improvement of the ventilation. At the same time the indirect radiation heating has been improved so that a larger volume of warmed fresh air is supplied to the rooms. More than 1,500 different pupils were, during the year, benefited by the improvements at this school.

The new Brown school building had been infested with sewer gas for a considerable time, and several ineffectual attempts had been made to prevent it. It was apparent that the sewer attachments of the teachers

water closets on the main floor were mainly or entirely responsible for the trouble, and finally these closets were taken out and the sewer was sealed up. The main sewer was then freely ventilated, when the annoyance ceased. The ventilation of this building is very imperfect and needs attention in this respect at once.

Over 1,100 pupils have annually, for many years, endured an extremely bad condition of ventilation in the Haven school building The Board has ordered that the old building be torn down, and a much larger building be erected on its site. The new structure will be ready for occupation some time during the coming school year, and it will be a model in its heating, ventilation and lighting. It will not only furnish sanitary school rooms for its own previous number of pupils, but also for those of the Third Avenue School—soon to be abandoned—which will swell its number to 2,000 or more.

At three school-houses (Foster, Carpenter and Holden) the old, unsatisfactory outside privies have been removed, and new water closets constructed on the iron flushing-pan system have been put into the basements. This is more satisfactory, as by even passable care, the new closets are kept without offense to the school.

The light in eighteen dingy school rooms has been ordered to be increased by the construction of an additional window for each. In the Douglas School two rooms are to be thus relieved; in the Newberry eight; in the Skinner four, and in the Kinzie four.

The glass lighting surface in these rooms was less than 8 per cent. (7.95%) of the floor space—not quite half what it ought to be; now by the additional window it will be only about 10 per cent.

SANITARY FEATURES OF THE NEW BUILDINGS.

The improvements over their predecessors in the sanitary features of the new school buildings, put under contract during the year, are sufficiently notable to demand mention. In those heated by furnaces the chief sanitary superiority over others consists in better lighting; in those heated by steam the lighting is not only improved, but the heating and ventilation also. In the matter of the lighting, no increase in number of windows has been made in any of the rooms, while in most of the corner rooms one window has been reduced to a small square opening, placed near the ceiling. This is that window at the back of the room which is nearest the corner of the building. A window at that point is useless any way, and the little one might as well have been omitted. The full windows have been increased in size so that the inside rooms (those not in a corner of the building) have a glass surface of over 16 per cent. (16.24+%) of the floor surface, while the corner rooms have over 17 per cent (17.29+%). In the buildings of 1883 the inside rooms had a lighting surface of 12.83 per cent., and the corner rooms 15.4 per cent. of the floor space; in the buildings of the four previous years (the Marquette being taken as the type),

the inside rooms had only 10.26 per cent., and the corner rooms only 14.8 per cent., while in the buildings erected prior to 1878, the different rooms had light openings varying from 7.95 to 9.96 per cent. of the floor area.

The buildings of the present year are the first to have the amount of lighting required for the health of the pupils, and your Committee begs to congratulate the Board that this result has been reached.

The arrangement of windows in the corner rooms of the new buildings approaches more nearly than heretofore the ideal lighting, which is to have all the light enter to the left of the pupils, more than three quarters of the window surface being on that side of these rooms. In the buildings of the years before 1878, the light of the corner rooms was with few exceptions half back light and half left side light; in the buildings of 1878 to 1882 inclusive (taking the Marquette as the type, as most of them were like it) the side light was reduced below one-half (48+ per cent.), and the back light was correspondingly increased (51+ per cent.); in the buildings of 1883 one-third only of the light was back light, and two-thirds side light; while in the buildings of the present year, most of these corner rooms have less than a quarter (24.5+ per cent.) of the light coming over the backs of the pupils, and more than three-quarters (75.4+ per cent.) from their left.

The new buildings heated by furnaces, have the Rut-

tan apparatus, and of course both the heating and ventilation are nearly identical with those of other buildings so heated. In those heated by steam, the heating and ventilation are superior in the following particulars: each room is supplied with indirect radiation apparatus, independently of all other rooms; it takes its fresh air from its exclusive air duct, and over steam coils that belong to it alone. Each room has its one, exclusive foul air shaft, built in an inside wall, and to facilitate draft in this flue, it is fitted with a vertical loop of steam pipe that runs through nearly its entire length. These flues measure 20x32 inches, and, with the assistance the heat of the steam pipes will give, are probably large enough. The inlet flues for hot air are also 20x32 inches, and, as in the school-houses of 1883, they discharge at a point about seven feet above the floor. The steam apparatus is so arranged that it may be forced at any point desired; hence rooms exposed to winds and storms may be kept as warm as any. Thus, so far as heating and ventilation are concerned, each school room constitutes a community by itself, that is uninfluenced by the conditions of other rooms in the building, or by the winds. It has been found that where, for the discharge of foul air from a room, two or more flues are provided, at times there will be a down-current of cold air through one flue while there is an up-current in another. It was to obviate this difficulty that but one foul air flue has been provided for each room.

Special attention has been given to the arrangement

of the sewers, to facilitate discharge, and avoid sewer gas.

The water-closet rooms are ventilated through flues built in the wall of the boiler chimney.

The basement floors may all be washed with a hose, since they are of cement, and have a pitch to trapped drains.

The sanitary advantages referred to and the excellent arrangement of the rooms, stairs and halls—slightly different from previous buildings—as well as the novelty, simplicity and grace of their exterior, mark the school-houses of 1884 as superior to any heretofore built in Chicago for such purposes, and your Committee believes they are not excelled by any similar buildings anywhere. The architect, Mr. J. J. Flanders, is entitled to great credit for the skill and progressive mindedness displayed in planning these buildings.

RETROSPECTIVE.

The formal recognition by the Board of the sanitary needs of the schools first occurred in 1881, during a general revision of the Rules and Regulations. At that time the President of the Board, Hon. M. A. De Laney, proposed the creation of a Standing Committee on Sanitary Affairs, and it was done. From that time the sanitary requirements of the schools received particular attention, and the then Committee on Buildings and Grounds and its successors have made earnest

efforts to improve the healthfulness of the school buildings. About the same time, to fill a vacancy caused by the death of the late Mr. Ward, the Board appointed for Business Agent a gentleman, Mr. Matthew B. Hicks, who added to his superior capacity as a business man, a good understanding of the sanitary needs of the schools. He has not only seconded every effort of the Board to improve the hygiene of the schools, but many of the steps in advance have been made on his personal suggestion.

At the time referred to (1881) there were in use six school-houses heated with stoves, and, of course, with no sufficient means of ventilation, the changing of the air in the school rooms being effected most imperfectly and slowly, through cracks and crannies and doors and windows. Now only two buildings remain so heated; all the others have received furnaces or ventilating heaters or have been vacated. At that time six buildings were heated by direct steam radiation, from wall coils in the rooms, and offered the same problems of ventilation as those heated by stoves, or worse. Now, five of the six have had their ventilation improved, and the sixth, the Haven, is being replaced by a new structure.

At that time twenty school buildings were heated by old style furnaces, that could supply but an insufficient amount of fresh air for the school rooms, and, of course, in very cold weather, this air required to be raised to an unwholesomely high temperature in order to heat

the rooms sufficiently. The foul air flues in all these buildings were built according to early notions of ventilation, and were utterly inadequate. Now, only three remain heated in this way; all the rest have received new and vastly better heating and ventilating machinery, or have been replaced by new buildings, and one of the three that remain, the Third Avenue, is soon to be vacated.

Three years ago 25,000 of our pupils were attending school in illy ventilated buildings. Now the number so unfortunate is less than 3,000; all the rest, and the vast accessions to the whole number of pupils, are housed in buildings that have good ventilation.

In April, 1883, the Board purchased for each school a chart for testing the range of vision, and determining the existence and degree of near-sightedness in pupils, and when glasses are required. This chart may be used by any teacher, and it has already been the means whereby the eyesight of many children has been conserved. In certain cities of Europe, and in New York, and perhaps other cities of our own country, systematic examinations of the eyes of all the pupils in the public schools have been made by experts, under the direction of the school authorities (but without expense to the latter), with a view of not only determining the existing defects, but of learning, if possible, the influences that lead to defects of vision among pupils. Your

Committee express the hope that at a day not distant a similar study may be made for the pupils of Chicago.

LIGHT.

In the school-houses built before 1878, like the Skinner, with three windows for some rooms and four for others—all small in size—the light is insufficient; the glass surface being only from 7.95 to 9.96 per cent. of the floor space. This is only from one-half to two-thirds of what is required. Your Committee recommend that, in all rooms with only three windows, or where some of the windows are shaded by other buildings, an additional window be introduced, as is being done in a few the present season. As the light is insufficient at best and when all the windows are in use, it is specially unfortunate that at times, to exclude the glare of the sun, some windows must be darkened by closing the blinds. The use of the blinds for this purpose makes a window nearly useless; light colored cloth shades would cut off the glare of the sun, and admit much light at the same time. Your Committee, therefore, recommend that the blinds in all such insufficiently lighted rooms be replaced by shades as suggested.

For adequate ventilation at all times, and in all weathers, of a room occupied by sixty persons, some management and discrimination are required. In our schools the teacher must know something of the principles of ventilation, and of the working of the heating

and ventilating apparatus in her school in particular, or she cannot keep the air in her room in a proper condition. That large numbers of the teachers, and some principals, work for years in a single school without knowing anything of either of these subjects is notorious. By faulty management of their windows they often make the apparatus inoperative, lessen the ventilation, and cause a great waste of fuel. It is the opinion of those best qualified to judge that this lack of skill on the part of teachers costs, for wasted fuel, several thousand dollars annually Your Committee therefore recommend that some means be sought for giving teachers instruction in these most important matters.

NORMAN BRIDGE,
JAMES T. HEALY,
PETER CONLAN,
Committee on Sanitary Affairs.

APPENDIX

TABLE NO. I.

SCHOOL SITES—LOCATION, SIZE AND VALUE.

Schools.	Location.	Size.	Value of Lots.
North Division High	Northeast corner of Wendell and Wells Streets	219.81 x 109.00	$ 25,300 00
South Division High	Southwest corner of Twenty-Sixth Street and Wabash Avenue	181.15 x 157.08	35,325 00
West Division High	Southeast corner of Morgan and Monroe Streets	150.00 x 118.00	20,650 00
Armour Street	Southeast corner of Armour Street and Bickerdike Square	170 00 x 150.00	6,800 00
*Arnold	Northeast corner of Burling and Center Streets	198.00 x 124.00	11.880 00
*Brenan	Lime Street, between Archer Avenue and Twenty-Seventh Street	275.00 x 109.00	8,500 00
Brighton	Douglas Avenue, between Lincoln and Robey Streets	267.00 x 134.00	6,000 00
Brown	Warren Avenue, between Page and Wood Streets	266 00 x 122.10	30,590 00
Burr	Southwest corner of Ashland and Waubansia Avenues	298.65 x 299 30	12,000 00
Calumet Avenue	Calumet Avenue, between Twenty-Sixth and Twenty-Eighth Streets	146.00 x 182	18,250 00
Carpenter	Southwest corner of Center Avenue and Huron Street	205.00 x 213.00	13.325 00
Central Park	Southeast corner of Walnut Street and Kedzie Avenue	209 x 150	5,225 00
Clarke	Ashland Avenue, between Thirteenth and Hastings Streets	264.3 x 144	19,800 00
Cottage Grove	Douglas Avenue, between Cottage Grove and Stanton Avenues	200 x 231	23,000 00
Division & Cleaver St.	Southwest corner of Division and Cleaver Streets	149 x 125	7.450 00
Dore	West Harrison, between Halsted and Desplaines Streets	200 x 111	25.000 00
Douglas	Southeast corner Thirty-Second Street and Forest Avenue	125.45 x 250	22 500 00
*Emerson	Northwest corner Walnut and Paulina Streets	157 x 111.4	14,000 00
Elizabeth Street	Northeast corner Lake and Elizabeth Streets	206.6 x 164.75	20,700 00
Foster	Union Street, between O'Brien and Dussold Streets	200 x 173	15,000 00
Fourteenth St. West	West Fourteenth Street between Union and Desplaines Street	200 x 173	12,000 00
†Franklin	Northeast corner of Division and Sedgwick Streets	181 05 x 264	35,940 00
Garfield	Northeast corner of Johnson and Wright Streets	257.35 x 99	10,280 00
Haven	Wabash Avenue, between Fourteenth and Sixteenth Streets	150 x 170	37,500 00
Hayes	Leavitt Street, between Walnut and Fulton Streets	267 x 140	13,350 00
Headley	Northeast corner of Lewis Street and Garfield Avenue	195.4 x 125	5,850 00
Holden	Northeast corner of Deering and Thirty-First Streets	200 x 269 28 & 316 8	10,000 00
Huron Street	Southwest corner of Huron and Franklin Streets	162.2 x 100	13,770 00
Irving	Lexington Street, between Hoyne Avenue and Leavitt Street	192 x 125	8 000 00
Jackson St. W	West Jackson, between California Avenue and Francisco Street	200 x 122.7	7,000 00
*Jefferson	Northwest corner of Nebraska and Laflin Streets	200 x 104.5	7,575 00
Jones	Southeast corner of Harrison Street and Third Avenue	175 x 100	52.500 00
Keith	Southwest corner of Dearborn and Thirty-Fourth Streets	200 x 122.10	15.000 00
King	West Harrison Street, between Western and Campbell Avenues	196 x 158	9.800 00
Kinzie	Northwest corner of Ohio Street and LaSalle Avenue	199.1 x 100	24 875 00
*Knud Langland	Cortlandt Street, between Leavitt Street and Oakley Avenue	114 x 100	2,160 00
La Salle	Northwest corner of Hammond and Eugenie Streets	200 x 125	12,000 00

Lawndale	Southwest corner Central Park Avenue and Twenty-Fifth Street	200 x 124.87	2,400 00
Lincoln	Larrabee Street, between Belden and Fullerton Avenues	150.5 x 297	16,500 00
Lincoln Street	Northeast corner of Ohio and Lincoln Streets	216 x 123.7	8,640 00
Longfellow	Throop Street, between Nineteenth and Twenty-First Streets	210 x 125.5	7,875 00
Marquette	Southwest corner of Wood and Congress Streets	241 x 125.87	12,050 00
Moseley	Northwest corner of Michigan Avenue and Twenty-Fourth Street	198 99 x 193	89,550 00
*Motley	Snell Street, south of Chicago Avenue	200 x 100	8,500 00
Newberry	Northwest corner of Willow and Orchard Streets	200.4 x 148.4	11,000 00
Oak Street	Northeast corner of Oak Street and Milton Avenue	100 x 168.5	11,795 00
Oakley	Southeast corner of Oakley Avenue and Ohio Street	205 x 125	5,125 00
Ogden	Chestnut Street, between Dearborn Avenue and State Street	178.5 x 106 5	26,700 00
Pearson Street	Southeast corner of Pearson and Market Streets	239 x 108	20,315 00
Pickard	Southwest corner of Hinman Street and Oakley Avenue	200.5 x 125	5,000 00
Polk Street	Polk Street, between Halsted and Desplaines Streets	150.5 x 120	6,750 00
Raymond	Southeast corner of Wabash Avenue and Eda Street	130.9 x 162 5	15,700 00
Sangamon Street	Southeast corner of Sangamon and West Indiana Streets	200 x 116.1	22,200 00
†Scammon	Monroe street, between Halsted and Desplaines Street	288.92 x 189	50.600 00
Sheldon	Southwest corner of State and Elm Streets	200 x 150	36.000 00
Sheridan	Southeast corner of Twenty-Seventh and Wallace Streets	200 x 124.9	8.500 00
Skinner	Northeast corner of Jackson and Aberdeen Streets	145 x 189	21,750 00
Thirteenth Street W.	West Thirteenth Street, between Center Avenue and Throop Street	175 x 124	5,250 00
*Thomas Hoyne	Southeast corner Cass and Illinois Streets	150 x 109	33,000 00
Throop	Throop Street, between Eighteenth and Nineteenth Streets	198 x 125	7,425 00
Vedder Street	Vedder Street, between Halsted and Vine Streets	153.41 x 196.82	9,210 00
*Von Humboldt	Northwest corner Rockwell Avenue and Hirsch Street	200 x 125	4 694 00
Wallace Street	Southeast corner of Wallace Street and Douglas Avenue	200 x 125	5.000 00
Walsh	Southeast corner of West Twentieth and Johnson Streets	268 5 x 239 & 91.2	13.400 00
Ward	Southeast corner of Shields Avenue and Twenty-Seventh Street	175 x 125.5	7,000 00
Washington	Morgan Street, between Erie and Ohio Streets	217 x 116	8 680 00
Webster	Southeast corner of Wentworth Avenue and Thirty-Third Street	200 x 125	8.000 00
Wells	Northwest corner of Ashland Avenue and Cornelia Street	396.5 x 130	15,325 00
Wentworth Avenue	Northwest corner of Wentworth Avenue and Twentieth Street	200 x 124 6	14.000 00
Wicker Park	Evergreen Avenue, between Robey Street and Hoyne Avenue	209.25 x 167.4	8,500 00
**	Northeast corner Wabash Avenue and Twenty-Fourth Street	198.99 x 193	39.800 00
	Southwest corner of Warren Avenue and Rockwell Street	120 x 125	5.000 00
	Lincoln Street, between Division and Thomas Streets	192 x 124.4	7,680 00
	Total Valuation of School Sites		$1,198,813 00

*Building now in course of erection on this site.
†Ground belongs to School Fund.
**Leased to Edward Mendel.

TABLE NO. II.

SCHOOL BUILDINGS—DATE OF ERECTION, SIZE, VALUE, AND VALUE OF FURNITURE, AND OF HEATING APPARATUS.

School Buildings.	When Erected.	Material.	Size.	Number of Stories.	No of School Rooms.	Number of Sittings.	How Heated.	Value of Buildings.	Value of Furniture.	Value of Heating Apparatus.	Total Value of Buildings including Heating Apparatus and Furniture.
North Division High	1883	Brick	123 x 83⅓	Three	15	624	Steam	$ 58,000 00	$ 2,500 00	$ 7,000 00	$ 67,500 00
South Division High	1884	Brick	135 x 96	Three	18	864	Steam	80,000 00	2,500 00	8 000 00	90 500 00
West Divison High	1880	Brick	107 x 88	Three	15	729	Steam	40,000 00	2.000 00	6.000 00	48.000 00
Armour Street	1879	Brick	107 x 88	Three	15	945	Steam	40.000 00	2,000 00	6 000 00	48 000 00
Brighton	1880	Brick	70 x 84	Three	12	756	Steam	35,000 00	1.250 00	4.500 00	40.750 00
Brown	1857	Brick	60 x 84	Three	12	755	Steam	25 000 00	1,500 00	4,500 00	31 000 00
Brown	1870	Brick	70 x 80	Three	12	756	Steam	30,000 00	1,500 00	4,500 00	36,000 00
Burr	1873	Brick	71 x 81	Three	12	758	Furnaces	30,000 00	1,500 00	1.500 00	33,000 00
Calumet Avenue	1871	Brick	70 x 82	Three	12	759	Furnaces	30.000 00	1,500 00	2,000 00	33,500 00
Carpenter	1868	Brick	69½x 87	Four	16	1,000	Steam	40 000 00	2.000 00	6 000 00	48.000 00
Central Park	1881	Brick	107½x 84	Three	15	945	Steam	40,000 00	1,250 00	6,000 00	47,250 00
Clarke	1868	Brick	72 x 91 with two wings each 47 x 31	Three	16	1,001	Steam	40.000 00	2 000 00	6.000 00	48,000 00
Cottage Grove	1866	Wood	68½x 76	Three	12	756	Furnaces	10.000 00	1,000 00	1.500 00	12.500 00
Cottage Grove	1881	Brick	107½x 84	Three	15	945	Steam	40,000 00	2,000 00	6,000 00	48,000 00
Division and Cleaver Street	1875	Brick	70 x 84	Three	12	754	Furnaces	35,000 00	1,500 00	800 00	37.300 00
Dore	1867	Brick	68 x 86	Four	16	1,025	Steam	40,000 00	2,000 00	6,000 00	48,000 00
Douglas	1870	Brick	82½x 76½ with wing 60½x 52	Three	18	1,136	Steam	40,000 00	2.250 00	6,000 00	48,250 00
Elizabeth Street	1866	Wood	76 x 68	Three	12	750	Stoves	10,000 00	1,500 00	1,000 00	12,500 00
Foster	1855	Wood	26 x 42	Two	2	96	Stoves	1,000 00	200 00	50 00	1.250 00
Foster	1857	Brick	60 x 84	Three	12	756	Furnaces	25,000 00	1,500 00	800 00	27,300 00
Foster	1862	Wood	44 x 53	Two	4	250	Stoves	3 000 00	400 00	100 00	3,500 00
Fourteenth Street, W	1869	Brick	70 x 82	Three	12	756	Furnaces	30,000 00	1 500 00	1.500 00	33,000 00
Franklin	1873	Brick	91 x 72 *	Three	16	1,018	Steam	30,000 00	2,000 00	3.000 00	35,000 00
Franklin	1878	Brick	84 x 75	Three	12	756	Steam	35.000 00	1,500 00	3.000 00	39.500 00
Garfield	1883	Brick	70 x 84	Three	12	756	Furnaces	35 000 00	1,500 00	2,500 00	39,000 00
Haven	1862	Brick	68 x 86'	Four	16	1.000	Steam	35,000 00	2.000 00	5.000 00	42,000 00
Hayes	1868	Brick	70 x 89	Four	16	1,000	Steam	40,000 00	2,000 00	6,000 00	48 000 00
Headley	1875	Brick	70 x 84	Three	14	880	Furnaces	35.000 00	1,500 00	1.000 00	37,500 00
Holden	1868	Brick	69½x 87	Four	16	1,012	Steam	40,000 00	2 000 00	6.000 00	48 000 00
Huron Street	1881	Brick	70 x 84	Three	12	756	Steam	35.000 00	1,500 00	4 500 00	41,000 00
Irving	1884	Brick	117 x 89	Three	15	945	Furnaces	47,500 00	2,000 00	1,800 00	51.300 00
Jackson Street, W	1881	Brick	107½x 84	Three	15	945	Steam	40,000 00	2,000 00	6.000 00	48,000 00
Jones	1875	Brick	76 x 84	Four	16	976	Steam	40.000 00	2,000 00	6,000 00	48,000 00
Keith	1883	Brick	116½x 86	Three	15	945	Furnaces	47,500 00	2,000 00	1,800 00	51,300 00

King	1873	Brick	71 x 81	*Three	16	1,010	Furnaces	30,000 00	1,750 00	1,000 00	32,750 00
Kinzie	1872	Brick	69½ x 83	Three	12	756	Furnaces	25,000 00	1,500 00	800 00	27,300 00
LaSalle	1880	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2,000 00	6.00 00	48,000 00
Lawndale	1882	Brick	85 x 77	Two	8	504	Furnaces	28,000 00	1,200 00	1,200 00	30,400 00
Lincoln	1870	Brick	82½ x 76½ with wing 60½ x 52	Three	17	1,088	Steam	40,000 00	2,250 00	6,000 00	48,250 00
Lincoln Street	1871	Brick	70 x 82	Three	12	756	Stoves	30,000 00	1,500 00	500 00	32,000 00
Longfellow	1882	Brick	86 x 79½	Three	12	756	Furnaces	35 000 00	2,000 00	2.000 00	39,000 00
Marquette	1879	Brick	107½ x 84	Three	15	952	Steam	40.000 00	2,000 00	6 000 00	48.000 00
Moseley	1856	Brick	76 x 58	Three	12	764	Steam	25,000 00	1,500 00	3.000 00	29,500 00
Moseley	1875	Brick	62 x 91	Three	12	628	Steam	35,000 00	1,500 00	3,000 00	39,500 00
Newberry	1858	Brick	74 x 78 with wing 50 x 58	Four	23	1,456	Steam	40,000 00	2,500 00	6,000 00	48 500 00
Oak Street	1880	Brick	70 x 84	Three	12	756	Steam	35 000 00	1.500 00	4 500 00	41,000 00
Oakley	1880	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2.300 00	6.000 00	48.000 00
Ogden	1884	Brick	132 x 82	Three	12	763	Furnaces	52 500 00	3.000 00	2,250 00	57,750 00
Pearson Street	1872	Brick	69½ x 88½	Three	12	745	Furnaces	25.000 00	1.500 00	1,500 00	28.000 00
Pickard	1874	Brick	70 x 84	Three	12	741	Furnaces	30,000 00	1,500 00	800 00	32,300 00
Polk Street	1871	Brick	70 x 84	Three	12	757	Furnaces	30,000 00	1,500 00	1,500 00	33.000 00
Raymond	1879	Brick	70 x 84	Three	12	770	Steam	35,000 00	1,500 00	4,500 00	41,000 00
Sangamon Street	1882	Brick	89 x 79½	Three	12	756	Furnaces	35 000 00	2,000 00	2,000 00	39,000 00
Sangamon Street	1862	Wood	59 x 39 with wing 26 x 44	Two	6	378	Stoves	5.000 00	750 00	200 00	5,950 00
Scammon	1856	Stone	53 x 90	Three	11	600	Steam	30.000 00	1,500 00	4,500 00	36.000 00
Scammon	1870	Brick	70 x 84	Three	11	661	Furnaces	25,000 00	1,500 00	800 00	27.300 00
Scammon	1871	Wood	26 x 46	Two	2	125	Stoves	1.500 00	150 00	50 00	1.700 00
Sheldon	1874	Brick	70 x 84	Three	12	668	Furnaces	30.000 00	1.500 00	800 00	32,300 00
Sheridan	1881	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2,000 00	6,000 00	48,000 00
Skinner	1859	Brick	74 x 78 with wing 50 x 58	Four	23	1,390	Steam	40,000 00	2,500 00	7,000 00	49,500 00
Thirteenth St., W	1880	Brick	70 x 84	Three	12	756	Steam	35.000 00	1,500 00	4,500 00	41,000 00
Throop	1878	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2,000 00	6 000 00	48.000 00
Vedder Street	1873	Brick	70 x 82	Three	12	756	Furnaces	30,000 00	1.500 00	1.500 00	33,000 00
Wallace Street	1881	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2,000 00	6,000 00	48,000 00
Walsh	1866	Wood	76 x 68½	Three	12	756	Furnaces	10,000 00	1,500 00	800 00	12,300 00
Walsh	1882	Brick	86 x 78½	Three	12	756	Furnaces	35.000 00	2,000 00	2,000 00	39.000 00
Ward	1874	Brick	70 x 84	Three	16	1.018	Furnaces	30 000 00	1.500 00	800 00	32,300 00
Washington	1871	Brick	81½ x 100	Four	16	1,335	Steam	40.000 00	2,000 00	6,000 00	48.000 00
Webster	1883	Brick	116½ x 86	Three	15	945	Furnaces	45,000 00	2.000 00	1,800 00	48.800 00
Wells	1865	Brick	68 x 86	Four	16	1,000	Steam	40.000 00	2,000 00	6,000 00	48 000 00
Wells	1883	Brick	118 x 90	Three	15	945	Furnaces	47.500 00	2,000 00	1,800 00	51,300 00
Wentworth Avenue	1868	Wood	76 x 68½	Three	12	764	Furnaces	10,000 00	1,500 00	800 00	12,300 00
Wentworth Avenue	----	Wood	26 x 85	One	2	126	Stoves	1,000 00	200 00	100 00	1,300 00
Wicker Park	1881	Brick	107½ x 84	Three	15	945	Steam	40,000 00	2,000 00	6,000 00	48,000 00
" Park, Holstein Br	----	Wood	26 x 45	One	2	126	Stoves	1,000 00	125 00	50 00	1,1750 00
Totals					980	60,818		$ 2,448,500 00	$ 125,375 00	$ 254,400 00	$ 2,828,175 00

*Four rooms in basement.

TABLE NO. III.

MANNER OF HEATING SCHOOL BUILDINGS, COST OF FUEL, AND COMPENSATION OF ENGINEERS AND JANITORS.

School Building.	No of Rooms in Building.	How Heated.	Pine Slabs. Cords.	Pine Slabs. Cost of Slabs.	Hard Coal. Amount Used. Tons.	Hard Coal. Amount Used. Lbs.	Hard Coal. Cost of Hard Coal.	Soft Coal. Amount Used. Tons.	Soft Coal. Amount Used. Lbs.	Soft Coal. Cost of Soft Coal.	Total Cost of Fuel for the Year.	Wages of Engineers and Janitors.
Office	----	Stoves	----	$ ----	19	----	$ 121 22	6	210	$ 22 28	$ 143 50	$ 360 00
North Division High	13	Steam	2	10 00	----	----	----------	320	1660	1,164 63	1,174 63	1,200 00
South Division High	18	Steam	----	----------	----	----	----------	249	780	909 12	909 12	1,260 00
West Division High	15	Steam	2	9 50	----	----	----------	158	130	574 58	584 08	1,200 00
Armour Street	15	Steam	----	----------	----	----	----------	166	150	602 45	602 45	1,200 00
Brighton	12	Steam	2	9 50	----	----	----------	128	660	464 84	474 34	1,140 00
Brown. (2 Buildings)	24	Steam	----	----------	----	----	----------	245	1490	891 38	891 38	1,500 00
Burr	12	Furnaces	1	5 00	----	----	----------	132	1300	482 41	487 41	810 00
Calumet Avenue	12	Furnaces	----	----------	7	1000	46 72	102	485	371 39	418 11	810 00
Carpenter and Branch	18	Steam and Stoves	½	2 50	13	----	81 74	189	1340	686 40	770 64	1,400 00
Central Park and Branch	17	Steam and Stoves	1½	7 50	----	----	----------	148	1980	538 84	546 34	1,300 00
Clarke and Branch	18	Steam and Stoves	2	10 25	10	----	62 30	260	820	945 00	1,017 55	1,400 00
Cottage Grove. (2 Buildings)	27	Steam and Furnace	1	5 50	----	----	----------	232	1525	843 84	849 34	1,600 00
Division and Cleaver Street	12	Furnaces	1	5 50	128	1300	801 49	12	1690	46 89	853 88	810 00
Dore and Branch	18	Steam and Stoves	----	----------	----	----	----------	196	720	712 99	712 99	1,420 00
Douglas	18	Steam	----	----------	----	----	----------	258	1110	939 38	939 38	1,635 00
Elizabeth Street	12	Stoves	1	4 75	101	----	629 23	----	----	----------	633 98	810 00
Foster, (3 Buildings)	18	Furnace and Stoves	----	----------	100	----	623 00	----	----	----------	623 00	1,080 00
Fourteenth Street, West	12	Furnaces	----	----------	----	----	----------	104	1080	377 56	377 56	810 00
Franklin, (2 Buildings)	30	Steam	----	----------	----	----	----------	267	1480	971 21	971 21	1,536 00
Garfield	12	Furnaces	----	----------	----	----	----------	176	650	633 62	638 62	810 00
Haven	16	Steam	1	4 75	----	----	----------	149	1790	541 78	546 53	1,200 00
Hayes	16	Steam	----	----------	----	----	----------	166	820	601 82	601 82	1,200 00
Headley	14	Furnaces	----	----------	95	----	591 85	----	----	----------	591 85	840 00
Holden	16	Steam	----	----------	----	----	----------	315	1530	782 55	782 55	1,200 00
Huron Street	12	Steam	1	5 00	----	----	----------	130	1460	473 76	478 76	1,140 00
Irving	----	----------	1	4 75	----	----	----------	57	220	208 45	213 20	900 00
Jackson Street, West	15	Steam	2	9 50	----	----	----------	191	1800	696 29	705 79	1,140 00
Jones	16	Steam	----	----------	----	----	----------	269	860	978 77	978 77	1,200 00
Keith	15	Furnaces	1	4 75	----	----	----------	172	1305	630 17	634 92	900 00
King	16	Furnaces	1	4 75	110	----	685 30	----	----	----------	690 05	900 00
Kinzie and Branch	14	Furnace and Stoves	½	2 50	18	----	112 89	130	1400	473 76	589 15	1,060 00

LaSalle	15	Furnaces	1	5 00				167	720	606 89		611 89		1,200 00
Lawndale	8	Stoves	1½	7 50				74	620	265 36		272 86		335 00
Lincoln	18	Steam						173	920	628 42		628 42		1,260 00
Lincoln Street	12	Furnaces			7		43 61	130	1070	473 80		517 41		810 00
Longfellow	12	Furnaces						147	10	530 09		530 09		810 00
Marquette	15	Steam						180	1290	655 44		655 44		1,200 00
Moseley, (2 Buildings)	24	Steam						222	1570	807 38		807 38		1,500 00
Newberry	23	Steam						313	1530	1,134 69		1,134 69		1,380 00
Oak Street	12	Steam	1	5 00				144	1680	525 81		530 81		1,140 00
Oakley	15	Steam	1	5 00				182	1200	665 88		670 88		1,200 00
*Ogden	18	Furnaces	1½	7 75	4		28 25	173	1430	634 06		670 06		1,060 00
Pearson Street	12	Furnaces						119	1940	434 21		434 21		810 00
Pickard	12	Furnaces	2	9 50	105		654 15	10	1730	39 66		703 31		810 00
Polk Street	12	Furnaces			3		19 14	138	1520	502 55		521 69		810 00
Raymond	12	Steam	3	14 25				145	760	525 75		540 00		1,140 00
Sangamon Street, (2 Buildings)	18	Furnace and Stoves	1	5 00				187	1150	679 89		684 89		1,260 00
Scammon, (2 Buildings)	23	Steam and Furnace			65		404 95	142	1460	517 39		922 34		1,950 00
Sheldon	12	Furnaces	2	10 00	115		716 45					726 45		810 00
Sheridan	15	Steam	3	14 25				208	1625	758 34		772 59		1,200 00
Skinner	23	Steam	1	4 75				305	1450	1,110 84		1,115 59		1,380 00
Third Avenue	12	Furnaces	1½	7 25	110		685 30					692 55		810 00
Thirteenth Street, West	12	Steam	2	9 50				128	940	468 92		478 42		1,140 00
Throop	15	Steam	2	9 50				161	1390	585 92		595 42		1,200 00
Vedder Street	12	Furnaces	1	5 00				132	1990	482 73		487 73		810 00
Wallace Street	15	Steam and Stoves	2	9 50				177	1915	645 53		655 03		1,200 00
Walsh (2 Buildings)	24	Furnaces	2	9 50	12		74 76	269	1690	983 63		1,067 89		1,620 00
Ward	16	Furnaces	1	4 75	110		685 30	5	1240	19 48		709 53		900 00
Washington	16	Steam						240	150	872 72		872 72		1,380 00
Webster	15	Furnaces	1	4 75				190	1805	696 80		701 55		900 00
Wells	31	Steam	1	5 00				265	1760	967 02		972 02		2,100 00
Wentworth Avenue	14	Furnace and Stoves			85		529 55	41	1850	153 02		682 57		900 00
Wicker Park and Branches	21	Steam and Stoves	2	10 00				229	1560	835 03		845 03		1,800 00
Totals			55	$268 75	1218	300	$ 7,597 20	9839	410	$35,778 41	$	43,644 36	$	72,596 00

* 575 Bushels of Coke were used in the new Ogden School Building at a cost of $60.50.

TABLE NO. IV.

AGE OF PUPILS AT DATE OF FIRST ENROLLMENT DURING SCHOOL YEAR 1883-84.

Schools.	Between 6 and 7 years.	Between 7 and 8 years.	Between 8 and 9 years.	Between 9 and 10 years.	Between 10 and 11 years.	Between 11 and 12 years.	Between 12 and 13 years.	Between 13 and 14 years.	Between 14 and 15 years.	Between 15 and 16 years.	Between 16 and 17 years.	Over 17 years of age.	Total of all Ages.
North Division High	.....	.....	.....	.....	.....	.....	2	16	36	78	80	93	**305**
South Division High	.....	.....	.....	.....	.....	.....	4	22	64	124	118	147	**479**
West Division High	.....	.....	.....	.....	.....	.....	3	22	117	162	210	237	**751**
Armour Street	198	207	169	193	215	181	81	126	95	32	9	2	**1508**
Brighton	127	103	105	87	97	63	63	44	9	21	5	4	**728**
Brown	220	242	219	231	266	237	252	222	166	90	24	8	**2177**
Burr	177	184	149	152	150	114	112	75	29	15	3	0	**1160**
Calumet Avenue	169	158	164	184	144	106	64	39	9	4	0	1	**1042**
Carpenter	238	231	248	218	209	182	166	112	62	6	1	2	**1675**
Central Park	77	55	54	44	59	54	44	31	29	7	6	0	**460**
Clarke	232	277	241	207	166	173	187	123	87	40	11	2	**1746**
Cottage Grove	155	175	177	160	167	177	162	129	106	67	20	9	**1504**
Division and Cleaver Street	179	202	167	183	146	89	61	22	7	0	0	1	**1057**
Dore	200	204	202	207	189	204	198	167	102	54	19	4	**1750**
Douglas	225	175	164	180	194	209	198	185	127	51	23	6	**1737**
Elizabeth Street	181	157	152	181	163	112	69	49	19	1	1	0	**1085**
Foster	154	151	151	157	154	168	183	154	92	33	10	2	**1409**
Fourteenth Street, W.	213	252	213	179	151	92	65	34	12	3	2	0	**1216**
Franklin	243	256	274	246	292	327	344	264	148	40	13	5	**2452**
Garfield	173	166	136	118	108	73	62	40	22	2	0	0	**900**
Haven	119	114	114	129	131	121	138	124	92	31	13	4	**1130**
Hayes	184	204	174	157	178	176	144	124	82	57	12	7	**1499**
Headley	158	175	172	144	148	134	123	98	45	30	6	5	**1238**
Holden	177	193	206	186	161	149	159	130	91	51	13	6	**1522**
Huron Street	187	175	175	159	138	88	52	27	0	0	0	0	**1001**
Jackson Street, W.	92	88	78	73	82	66	64	57	30	13	4	2	**654**
Jones	162	138	140	129	131	123	124	96	62	29	11	11	**1156**
Keith	46	34	34	39	30	23	8	2	8	0	1	0	**225**
King	214	205	213	226	173	154	158	119	94	58	21	5	**1641**
Kinzie	107	105	88	117	84	140	133	139	72	27	9	4	**1025**

LaSalle	171	172	181	208	182	142	129	129	69	32	13	1	**1420**
Lawndale	28	29	26	25	28	28	20	13	9	9	8	1	**224**
Lincoln	148	190	173	154	169	161	136	108	68	39	10	4	**1360**
Lincoln Street	217	202	154	171	124	96	54	26	10	2	0	0	**1056**
Longfellow	222	186	189	180	144	77	33	14	5	0	0	0	**1050**
Marquette	169	144	174	169	159	170	170	145	98	73	37	8	**1516**
Moseley	112	108	121	106	133	145	186	167	143	76	29	10	**1336**
Newberry	299	315	290	264	234	193	177	131	50	23	5	0	**1981**
Oak Street	160	189	142	162	130	99	81	28	9	4	0	0	**1004**
Oakley	137	121	105	111	113	125	127	97	74	29	9	3	**1051**
Ogden	104	113	129	124	131	113	150	144	78	43	18	3	**1150**
Pearson Street	162	179	149	168	131	89	71	55	11	3	3	0	**1001**
Pickard	182	166	160	171	138	117	97	82	30	25	4	1	**1173**
Polk Street	172	235	186	198	164	134	97	69	16	3	0	2	**1276**
Raymond	125	188	183	156	168	136	138	93	58	29	9	4	**1287**
Sangamon Street	219	197	237	191	163	99	70	32	14	1	0	2	**1225**
Scammon	219	209	222	207	194	164	147	112	82	26	[illegible]	4	**1593**
Sheldon	91	92	71	70	64	55	24	17	3	0	0	1	**488**
Sheridan	170	189	180	152	175	165	172	157	71	23	5	4	**1463**
Skinner	189	223	241	201	222	204	215	194	149	102	24	12	**1966**
Third Avenue	92	130	108	91	92	59	60	39	21	6	0	0	**698**
Thirteenth Street, W	194	166	211	154	157	95	83	36	13	1	0	0	**1110**
Throop	205	176	198	170	153	110	97	57	38	13	2	2	**1221**
Vedder Street	210	206	201	170	171	92	57	27	5	0	0	0	**139**
Wallace Street	207	175	200	159	119	145	156	117	70	22	11	0	**1381**
Walsh	304	311	250	237	219	181	141	86	52	15	4	1	**1791**
Ward	239	242	231	227	187	171	107	45	17	4	2	0	**1472**
Washington	213	184	145	170	172	176	145	58	30	[illegible]16	5	0	**1314**
*Webster	78	29	18	23	6	9	8	11	8	3	2	2	**197**
Wells	318	264	245	227	190	198	168	125	45	9	1	1	**1791**
Wentworth Avenue	204	210	199	206	196	134	112	54	24	4	0	0	**1343**
Wicker Park	293	271	244	248	189	156	134	113	58	17	3	0	**1726**
	10,460	10,438	9,932	9,551	8,943	7,773	6,985	5,353	3,342	1,778	856	633	**76,044**

* Opened January, 1884.

TABLE No. V.

NUMBER ENROLLED IN EACH GRADE, IN PRIMARY AND GRAMMAR SCHOOLS, AT THE TIME OF THEIR FIRST ENROLLMENT DURING THE YEAR.

Schools.	Primary Department.					Grammar Department.					Total for Whole School.
	First Grade.	Second Grade.	Third Grade.	Fourth Grade.	Total Primary Grades.	Fifth Grade.	Sixth Grade.	Seventh Grade.	Eighth Grade.	Total Grammar Grades.	
Armour Street	544	283	252	144	**1223**	116	68	70	31	**285**	**1508**
Brighton	303	158	118	94	**673**	55				**55**	**728**
Brown	455	342	317	219	**1333**	345	228	154	117	**844**	**2177**
Burr	495	204	226	79	**1004**	59	59	37	11	**156**	**1160**
Calumet Avenue	423	309	192	118	**1042**						**1042**
Carpenter	699	343	143	204	**1389**	131	87	44	24	**286**	**1675**
Central Park	165	74	69	55	**363**	25	38	19	15	**97**	**460**
Clarke	605	298	272	145	**1320**	237	78	70	41	**426**	**1746**
Cottage Grove	364	226	285	133	**1008**	179	151	60	106	**496**	**1504**
Division and Cleaver Street	526	263	140	128	**1057**						**1057**
Dore	610	336	259	159	**1364**	191	92	56	47	**386**	**1750**
Douglas	410	234	256	205	**1105**	289	133	116	94	**632**	**1737**
Elizabeth Street	405	284	251	145	**1085**						**1085**
Foster	379	204	169	134	**886**	259	151	83	30	**523**	**1409**
Fourteenth Street, W.	721	196	172	127	**1216**						**1216**
Franklin	724	288	276	234	**1522**	444	298	130	58	**930**	**2452**
Garfield	445	147	158	150	**900**						**900**
Haven	327	175	145	215	**862**	85	84	66	33	**268**	**1130**
Hayes	483	262	183	167	**1095**	131	111	104	58	**404**	**1499**
Headley	461	200	221	141	**1023**	92	60	37	26	**215**	**1238**
Holden	560	293	237	187	**1277**	101	97	33	14	**245**	**1522**
Huron Street	446	243	185	127	**1001**						**1001**
Jackson Street, W.	205	109	127	72	**513**	63	38	34	6	**141**	**654**
Jones	376	215	182	131	**904**	106	47	32	19	**204**	**1108**
*Keith	93	85	18	12	**208**	13	2	2		**17**	**225**
King	479	312	249	208	**1248**	168	123	66	36	**393**	**1641**

Kinzie	266	110	113	58	**547**	184	186	68	40	**478**	**1025**
La Salle	471	186	249	143	**1049**	116	143	83	38	**380**	**1429**
Lawndale	70	19	47	19	**155**	25	20	15	9	**69**	**224**
Lincoln	348	175	270	172	**965**	150	125	70	50	**395**	**1360**
Lincoln Street	464	252	203	137	**1056**	.....	.....	.....	.....	.....	**1056**
Longfellow	615	222	140	73	**1050**	.....	.....	.....	.....	.....	**1050**
Marquette	383	288	205	182	**1058**	141	132	134	51	**458**	**1516**
Moseley	257	156	154	157	**724**	230	162	150	70	**612**	**1336**
Newberry	785	332	337	222	**1676**	186	64	46	9	**305**	**1981**
Oak Street	480	226	248	90	**1004**	.....	.....	.....	.....	.....	**1004**
Oakley	299	164	163	90	**714**	182	68	61	26	**337**	**1051**
Ogden	238	163	182	97	**680**	126	147	140	57	**470**	**1150**
Pearson Street	391	229	223	158	**1001**	.....	.....	.....	.....	.....	**1001**
Pickard	492	256	185	89	**1022**	80	46	17	8	**151**	**1173**
Polk Street	546	337	207	186	**1276**	.....	.....	.....	.....	.....	**1276**
Raymond	443	243	220	145	**1051**	109	72	42	13	**236**	**1287**
Sangamon Street	116	217	255	637	**1225**	.....	.....	.....	.....	.....	**1225**
Scammon	595	357	237	153	**1342**	157	66	14	14	**251**	**1593**
Sheldon	213	99	97	79	**488**	.....	.....	.....	.....	.....	**488**
Sheridan	587	213	241	148	**1189**	112	68	59	35	**274**	**1463**
Skinner	447	372	313	210	**1342**	236	133	164	91	**624**	**1966**
Third Avenue	280	223	125	70	**698**	.....	.....	.....	.....	.....	**698**
Thirteenth Street, W	494	249	204	163	**1110**	.....	.....	.....	.....	.....	**1110**
Throop	548	247	94	109	**998**	121	55	23	24	**223**	**1221**
Vedder Street	570	276	157	136	**1139**	.....	.....	.....	.....	.....	**1139**
Wallace Street	603	301	187	119	**1210**	98	38	20	15	**171**	**1381**
Walsh	870	342	261	139	**1612**	112	48	12	7	**179**	**1791**
Ward	653	310	357	152	**1472**	.....	.....	.....	.....	.....	**1472**
Washington	498	160	128	109	**895**	213	101	66	39	**419**	**1314**
*Webster	137	25	21	4	**187**	8	2	.....	.....	**10**	**197**
Wells	810	297	206	143	**1456**	136	106	93	.....	**335**	**1791**
Wentworth Avenue	633	303	224	183	**1343**	.....	.....	.....	.....	.....	**1343**
Wicker Park	585	363	252	192	**1392**	177	69	52	36	**334**	**1726**
	26590	13783	11567	8507	**60747**	5988	3796	2532	1398	**13714**	**74461**
In Ungraded Room in Jones School	.....	.....	.....	.....	**48**	.....	.....	.....	.....	.....	**48**
Total Enrollment	.....	.....	.....	.....	**60795**	.....	.....	.....	.....	**13714**	**74509**

* Opened January, 1884.

TABLE NO. VI.

MISCELLANEOUS STATISTICS OF ATTENDANCE.

SCHOOLS.	Total Enrollment.			Average Daily Membership.			Average Daily Attendance.			Per Cent. of Attendance.			Number not absent a single half day during the year.	No. neither absent nor tardy a single half day during the year.	Total Number of Tardinesses.	Number of Suspensions for Absence.	Number of Suspensions for Misconduct.
	Primary.	Grammar.	Whole School.	Primary.	Grammar.	Whole School.	Primary.	Grammar.	Whole School.	Primary.	Grammar.	Whole School.					
North Division High	.....	.....	**305**	.....	.....	**269 8**	.....	.....	**259.8**	.....	.....	**96.3**	35	26	195	0	0
South Division High	.....	.....	**479**	.....	.....	**400.0**	.....	.....	**377.6**	.....	.....	**94.4**	21	18	5'6	19	1
West Division High	.....	.....	**751**	.....	.....	**640.2**	.....	.....	**609.7**	.....	.....	**95.2**	60	56	340	13	0
Armour Street	1,223	285	**1508**	891.8	267.7	**1159.5**	825 5	256 5	**1082.0**	92.6	95.8	**93.3**	16	14	2,031	41	0
Brighton	673	55	**728**	470.2	51.9	**522.1**	433.0	47 8	**480.8**	92.1	92.1	**92.1**	0	0	1,719	11	0
Brown	1,333	844	**2177**	978 3.	739 9	**1718.2**	909.3	689.9	**1599 2**	93.0	93.2	**93.1**	26	20	2,541	98	0
Burr	1,004	156	**1160**	732.9	119.9	**852.8**	682 9	112.5	**795.4**	93.2	93.8	**93.3**	2	1	1,522	34	4
Calumet Avenue	1,042	0	**1042**	720.6	0.0	**720.6**	673.2	0 0	**673.2**	93.4	.....	**93.4**	8	7	1,3'2	22	1
Carpenter	1,389	286	**1675**	1082 9	243.8	**1326.7**	1031.1	231.8	**1262.9**	95.2	95.1	**95.2**	30	28	1,017	18	0
Central Park	363	97	**460**	258.7	96.9	**355.6**	235.3	89.9	**325.2**	91.0	92.8	**91.5**	12	11	1,207	10	0
Clarke	1,3'0	426	**1746**	1014.7	394.5	**1409.2**	947.9	374.4	**1322.3**	93 4	94.9	**93.1**	33	28	1,752	37	0
Cottage Grove	1,908	496	**1504**	680.7	424.9	**1105.6**	620.5	390.0	**1010 5**	91.2	91.8	**91.4**	6	4	4,449	40	3
Division & Cleaver St.	1,057	0	**1057**	784.8	0.0	**784.8**	745.5	0.0	**745.5**	95.0	.....	**95.0**	7	4	552	16	0
Dore	1,364	386	**1750**	96'.1	362.6	**1324.7**	887.6	343.8	**1231.4**	92.3	94.8	**93.0**	38	33	1,707	25	4
Douglas	1,105	632	**1737**	690.4	497.1	**1187.5**	648 6	466 6	**1115.2**	93 9	93.9	**93.9**	24	20	1 034	15	0
Elizabeth Street	1,085	0	**1085**	776.7	0.0	**776.7**	720.0	0.0	**720.0**	92.7	.....	**92.7**	5	3	2,034	98	0
Foster	886	523	**1409**	656.1	530.2	**1186.3**	619 2	501.4	**1120.6**	94 4	94 6	**94.5**	40	28	1,373	64	0
Fourteenth Street, W.	1,216	0	**1216**	888 0	0.0	**888.0**	820.1	0.0	**820.1**	92.3	.....	**92.3**	11	7	1,204	59	1
Franklin	1,522	930	**2452**	1148.9	860.2	**2009.1**	1092 4	816.1	**1908.5**	95.0	94.9	**94.9**	56	56	2,669	29	0
Garfield	900	0	**900**	702.9	0.0	**702.9**	653.2	0.0	**653.2**	92.9	.....	**92.9**	8	6	1,961	43	0
Haven	862	268	**1130**	584.7	278.4	**863.1**	538.4	260.6	**799.0**	92 1	93 6	**92.6**	3	3	3,670	80	0
Hayes	1,095	404	**1499**	789 1	353.7	**1142.8**	729.0	331 5	**1060.5**	88.4	93 7	**92.8**	6	3	4,093	135	2
Headley	1,023	215	**1238**	772.8	202.8	**975.6**	726 8	189.4	**916.2**	94.1	93.4	**93.9**	22	16	1,910	71	2
Holden	1,277	245	**1522**	915.1	233.5	**1148.6**	850.4	219 6	**1070.0**	92.9	94 0	**93.2**	17	9	2,218	118	3
Huron Street	1,001	0	**1001**	690.6	20.2	**710.8**	646.1	19.2	**665.3**	93.5	95 0	**93.6**	12	9	1,387	55	0
Jackson Street, W.	513	141	**654**	416.0	123.5	**539.5**	381.4	116.1	**500 5**	92.4	94.0	**92.8**	2	1	1,791	33	3
Jones	952	204	**1156**	650.3	194.0	**844.3**	597.2	181.1	**778.3**	91.8	93.4	**92.2**	0	0	2,811	86	0

*Keith	208	17	**225**	312.0	100.3	**412.3**	291.9	94.1	**386.0**	93.6	93.8	**93.6**	5	3	692	27	3
King	1,248	393	**1641**	960.0	364.9	**1324.9**	892.8	341 0	**1233.8**	93.0	93.4	**93.1**	18	16	1.072	0	0
Kinzie	547	478	**1025**	401.6	404 2	**805.8**	573.8	384.0	**757.8**	93.1	95 0	**94.0**	13	6	3,045	21	2
La Salle	1,049	380	**1429**	814 4	343.9	**1158.3**	776 5	326.7	**1103 2**	95.3	95.0	**95.2**	40	25	3,296	27	0
Lawndale	155	69	**224**	123 8	53.0	**176.8**	115.9	59 8	**165 7**	93 6	94.0	**93.7**	2	2	502	2	1
Lincoln	965	395	**1360**	731.3	364 5	**1098.8**	685.5	342.1	**1027.6**	94 7	93.8	**93.5**	17	14	2.399	57	0
Lincoln Street	1,056	0	**1056**	790.2	0.0	**790.2**	738.9	0.0	**738.9**	93 5	.....	**93.5**	5	3	1,644	29	0
Longfellow	1,050	0	**1050**	854.3	0.0	**854.3**	815.3	0.0	**815.3**	95.4	.....	**95.4**	21	14	789	17	3
Marquette	1,058	458	**1516**	792.4	431.2	**1223.6**	743.4	409.6	**1153.0**	93.8	95.0	**94.2**	12	9	1,289	1	2
Moseley	724	612	**1336**	645 1	519.9	**1165.0**	601.1	486.1	**1087.2**	93.2	93 5	**93.3**	10	6	4,252	29	8
Newberry	1,676	305	**1981**	1361.2	273.7	**1634.9**	1283 5	260.1	**1543.6**	94.3	95.0	**94.4**	53	45	2,719	63	1
Oak Street	1,004	0	**1004**	750.2	0.0	**750.2**	701.8	0.0	**701.8**	93.5	.....	**93.5**	15	7	1,310	69	0
Oakley	714	337	**1051**	532.0	304.9	**836.9**	490.8	282.5	**773.3**	92.2	92.6	**92.4**	0	0	2,990	69	2
Ogden	680	470	**1150**	498 4	443 6	**942.0**	466.7	417.0	**883.7**	93.6	94.0	**93.8**	9	9	1.894	17	1
Pearson Street	1,001	0	**1001**	774 5	0 0	**774.5**	723.0	0.0	**723.0**	93 4	.....	**93.4**	5	3	1,047	76	0
Pickard	1,022	151	**1173**	756.6	110 7	**867.3**	694 6	101.8	**796.4**	91.8	91.9	**91.8**	9	3	961	41	2
Polk Street	1,276	0	**1276**	957.8	0.0	**957.8**	907.5	0.0	**907.5**	94.7	.....	**94.7**	0	0	617	21	0
Raymond	1,051	236	**1287**	624.4	193.7	**816.1**	573.8	188.2	**762.0**	92 2	97.2	**93.4**	14	8	1,863	59	0
Sangamon Street	1,225	0	**1225**	1021.6	0.0	**1021.6**	958.0	0.0	**958.0**	93.7	.....	**93.7**	13	4	2,801	20	1
Scammon	1,342	251	**1593**	906.9	205.7	**1112.6**	836.8	193.3	**1030 1**	92.3	94.1	**92.6**	15	13	1,905	59	0
Sheldon	488	0	**488**	390.4	8.7	**399.1**	364.4	8 1	**372.5**	93.3	93.1	**93.3**	9	4	1.375	21	4
Sheridan	1,189	274	**1463**	847.2	220.1	**1067.3**	781.7	205.4	**988.1**	92.3	93.8	**92.6**	15	12	1,664	45	2
Skinner	1,342	624	**1966**	960 1	563.4	**1523.5**	892.1	534.6	**1426.7**	92.9	94.9	**93.6**	43	38	2.408	60	0
Third Avenue	698	0	**698**	480.2	0.0	**480.2**	434.8	0.0	**434.8**	90.5	.....	**90.5**	25	1	2,148	30	2
Thirteenth Street, W.	1,110	0	**1110**	787.1	0.0	**787.1**	723.1	0.0	**723.1**	91.8	.....	**91.8**	8	7	1,279	31	0
Throop	998	223	**1221**	813 4	225.5	**1037.9**	775.0	216 2	**991.2**	95.4	95.4	**95.5**	34	27	1,055	21	0
Vedder Street	1,139	0	**1139**	882.4	2.4	**884.8**	833.2	2.2	**835 4**	94.4	91.6	**94.4**	11	8	2,755	76	3
Wallace Street	1,210	171	**1381**	822.9	143.1	**966.0**	731.8	130.0	**861.8**	88.9	90.8	**89.2**	1	1	4,302	110	4
Walsh	1,612	179	**1791**	1200 6	159 7	**1360.3**	1123.9	150.8	**1274.7**	93.6	94.4	**93.7**	29	23	1.265	44	5
Ward	1,472	0	**1472**	1042.3	0.0	**1042.3**	971.7	0.0	**971.7**	93.2	.....	**93.2**	5	1	4,277	79	0
Washington	895	419	**1314**	631.0	381.4	**1012.4**	591.5	359.8	**954.3**	94.2	94 3	**94.2**	26	23	2.555	14	1
Webster	187	10	**197**	427.9	90 8	**518.7**	399.4	85.7	**485.1**	93.3	94.4	**93.5**	0	0	1.469	1	1
Wells	1,456	335	**1791**	1295 3	355.5	**1650.8**	1222.9	337.4	**1560.3**	94 4	94.9	**94.5**	32	25	2,933	10	6
Wentworth Avenue	1,343	0	**1343**	980.9	0 0	**980.9**	933.0	0.0	**933.0**	95.1	.....	**95.1**	27	16	1.222	39	1
Wicker Park	1,392	334	**1726**	1062.2	311.4	**1373.6**	996.8	297.3	**1294.1**	93.8	95.4	**94.2**	44	40	2,709	42	5
Total Primary and Grammar Grades.	60,795	13,714	.....	45491.9	12571.9	.....	42467.5	11843.0	.....	93.3	94.2	.....	.....	.....	.....	.....	.....
Total for all Schools	.....	.....	**76.044**	.....	.....	**59373.8**	.....	.....	**55557.6**	.....	.....	**93.6**	1,085	827	119,718	2,597	84

* Opened January, 1884.

TABLE NO. VII.

AVERAGE DAILY MEMBERSHIP BY GRADES FOR EACH PRIMARY AND GRAMMAR SCHOOL.

Schools.	Primary Department.					Grammar Department.					
	First Grade.	Second Grade.	Third Grade.	Fourth Grade.	Total Primary Grades.	Fifth Grade.	Sixth Grade.	Seventh Grade.	Eighth Grade.	Total Grammar Grades.	Total for Whole School.
Armour Street	382.0	231.0	176.6	102.2	**891.8**	127.4	55 1	62 1	23.1	**267.7**	**1159.5**
Brighton	157.3	137 2	99 4	76 3	**470.2**	45.8	6.1			**51.9**	**522.1**
Brown	275.9	268 6	265 3	168.5	**978.3**	298 2	203.2	142 3	96.2	**739.9**	**1718.2**
Burr	312.1	164.6	189.5	66.7	**732.9**	47.3	37.5	26 8	8.3	**119.9**	**852.8**
Calumet Avenue	252.4	213.0	158.0	97.2	**720.6**						**720.6**
Carpenter	475.2	283.6	162.3	161.8	**1082.9**	116.0	72.7	35.4	19.7	**243.8**	**1326.7**
Central Park	90.3	70.8	52.0	45.6	**258.7**	28.6	37.1	16 5	14.7	**96.9**	**355 6**
Clarke	405.2	284.7	205 4	119.4	**1014.7**	243.2	55.4	56 0	39.9	**394.5**	**1409.2**
Cottage Grove	196 7	162.3	204.9	116 8	**680.7**	137.7	135.4	60 6	91.2	**424.9**	**1105.6**
Division & Cleaver St	326 0	233.1	130.5	95.2	**784.8**						**784.8**
Dore	360.7	213.5	254.9	133 0	**962.1**	176.5	89.5	54.2	42.4	**362.6**	**1324.7**
Douglas	253.1	124.8	167.5	145.0	**690.4**	210.7	108.6	91.4	86.4	**497.1**	**1187 5**
Elizabeth Street	214.9	214.6	212.3	104.9	**776.7**						**776.7**
Foster	229.2	202.4	160.2	73.3	**656.1**	283.1	136.5	70.8	39.8	**530 2**	**1186.3**
Fourteenth Street, W	470.8	184.0	122.2	111.0	**888.0**						**888.0**
Franklin	425 6	256.6	250.0	216.7	**1148.9**	407.9	274.9	122.2	55.2	**860.2**	**2009.1**
Garfield	309.7	153.6	111.6	129.0	**702.9**						**702.9**
Haven	200.2	142.0	115.4	127.1	**584.7**	120.8	69 8	59.4	28.4	**278.4**	**863.1**
Hayes	287.2	224.0	143 0	134.9	**789.1**	96.9	114.8	96 0	46.0	**353.7**	**1142 8**
Headley	305.5	175 7	165.6	126.0	**772.8**	89.3	52.4	37.7	23.4	**202.8**	**975.6**
Holden	400 5	162.9	177.4	174.3	**915.1**	109 0	83.6	23.7	17.2	**233.5**	**1148.6**
Huron Street	266.2	173 3	167.8	83.3	**690.6**	20.2				**20.2**	**710.8**
Jackson Street, W	150.9	104.9	112 1	68 1	**416.0**	53.8	30.1	31.4	8.2	**123.5**	**539.5**
Jones	228.8	171.6	135.4	94.4	**630.2**	110 9	42.5	23.4	17.2	**194.0**	**824.2**
Keith	111.9	85.6	46.0	68.5	**312.0**	62 1	21.8	16.4	0.0	**100.3**	**412.3**
King	311.0	273.0	201.0	175.0	**960.0**	153.4	116.3	54 1	41.1	**364.9**	**1324.9**
Kinzie	144.9	124.4	80 1	52.2	**401.6**	156.6	153.5	59.8	34 3	**404.2**	**805.8**
La Salle	322.6	173.0	193.8	125.0	**814.4**	116.4	117.3	65.6	44.7	**343.9**	**1158.3**

Lawndale	49.2	20.8	37.7	16.1	**123.8**	17.7	14.3	16.5	4.5	**53.0**	**176.8**
Lincoln	230.2	137.2	219.2	157.7	**734.3**	144.7	110.6	62.1	47.1	**364.5**	**1098.8**
Lincoln Street	296.6	203.1	176.0	114.5	**790.2**	-----	-----	-----	-----	-----	**790.2**
Longfellow	444.6	210.9	125.9	72.9	**854.3**	-----	-----	-----	-----	-----	**854.3**
Marquette	256.0	200.0	187.2	149.2	**792.4**	149.6	141.8	93.3	46.5	**431.2**	**1223.6**
Moseley	181.3	172.0	130.9	160.9	**645.1**	202.5	133.2	128.2	61.0	**519.9**	**1165.0**
Newberry	534.1	294.9	324.1	208.1	**1361.2**	160.6	68.1	38.1	6.9	**273.7**	**1634.9**
Oak Street	305.6	215.3	156.7	72.6	**750.2**	-----	-----	-----	-----	-----	**750.2**
Oakley	191.2	141.2	132.9	66.7	**532.0**	181.5	55.7	47.8	19.9	**304.9**	**836.9**
Ogden	137.2	110.9	181.7	68.6	**498.4**	120.7	185.8	70.0	67.1	**443.6**	**942.0**
Pearson Street	251.3	215.1	155.5	152.6	**774.5**	-----	-----	-----	-----	-----	**774.5**
Pickard	326.3	236.2	124.9	69.2	**756.6**	55.5	29.8	19.1	6.3	**110.7**	**867.3**
Polk Street	358.1	265.2	163.4	171.1	**957.8**	-----	-----	-----	-----	-----	**957.8**
Raymond	232.6	161.4	142.2	86.2	**622.4**	87.4	59.9	33.0	13.4	**193.7**	**816.1**
Sangamon Street	449.4	281.4	168.0	122.8	**1021.6**	-----	-----	-----	-----	-----	**1021.6**
Scammon	323.4	262.7	179.7	141.1	**906.9**	112.7	66.2	13.6	13.2	**205.7**	**1112.6**
Sheldon	140.1	92.8	84.1	73.4	**390.4**	8.7	-----	-----	-----	**8.7**	**399.1**
Sheridan	317.2	187.3	173.6	109.1	**847.2**	98.1	53.1	45.9	23.0	**220.1**	**1067.3**
Skinner	171.1	261.6	272.0	255.4	**960.1**	211.6	136.4	129.5	85.9	**563.4**	**1523.5**
Third Avenue	180.9	157.7	100.7	40.9	**480.2**	-----	-----	-----	-----	-----	**480.2**
Thirteenth Street, W	300.6	180.8	176.4	129.3	**787.1**	-----	-----	-----	-----	-----	**787.1**
Throop	395.0	201.5	102.1	113.8	**812.4**	131.9	55.9	19.2	18.5	**225.5**	**1037.9**
Vedder Street	375.8	234.5	160.0	112.1	**882.4**	2.4	-----	-----	-----	**2.4**	**884.8**
Wallace Street	383.2	207.4	146.4	85.9	**822.9**	83.7	32.0	14.3	13.1	**143.1**	**966.0**
Walsh	550.3	264.2	238.9	147.2	**1200.6**	93.7	41.1	18.3	6.6	**159.7**	**1360.3**
Ward	408.4	240.5	263.3	130.1	**1042.3**	-----	-----	-----	-----	-----	**1042.3**
Washington	287.9	121.6	137.5	84.0	**631.0**	185.6	101.0	57.6	37.2	**381.4**	**1012.4**
*Webster	160.2	114.9	97.8	55.0	**427.9**	51.8	24.5	14.5	-----	**90.8**	**518.7**
Welis	568.9	354.9	248.2	124.3	**1295.3**	163.8	97.4	77.8	16.5	**355.5**	**1650.8**
Wentworth Avenue	393.9	247.9	170.8	168.3	**980.9**	-----	-----	-----	-----	-----	**980.9**
Wicker Park	369.6	279.5	254.2	158.9	**1062.2**	172.2	59.7	45.7	33.8	**311.4**	**1373.6**
Total	17488.0	11483.2	9692.2	6808.4	**45471.8**	5648.2	3480.5	2145.3	1297.9	**12571.9**	**58043.7**
In Ungraded Room in Jones School	-----	-----	-----	-----	**20.1**	-----	-----	-----	-----	-----	**20.1**
Total	-----	-----	-----	-----	**45491.9**	-----	-----	-----	-----	**12571.9**	**58063.8**

*Opened January, 1884.

TABLE NO. VIII.

AVERAGE DAILY ATTENDANCE BY GRADES FOR EACH PRIMARY AND GRAMMAR SCHOOL.

Schools.	PRIMARY DEPARTMENT.					GRAMMAR DEPARTMENT.					Total for Whole School.
	First Grade.	Second Grade.	Third Grade.	Fourth Grade.	Total Primary Grades.	Fifth Grade.	Sixth Grade.	Seventh Grade.	Eighth Grade.	Total Grammar Grades.	
Armour Street	357.8	209 9	162.0	95.8	**825.5**	121.5	53.1	59.9	22.0	**256.5**	**1082.0**
Brighton	143.3	127.5	92.2	70 0	**433.0**	42.3	5.5	.....	.....	**47.8**	**480.8**
Brown	245.3	257.3	246.9	159.8	**909.3**	277.7	190.7	132.3	89.2	**689.9**	**1599.2**
Burr	291.3	154.7	175.5	61.4	**682.9**	43.2	35.6	25.5	8.2	**112.5**	**795.4**
Calumet Avenue	235.7	199.6	147.1	90.8	**673.2**	.....	.....	.....	.....	.....	**673.2**
Carpenter	453 8	270.8	153.7	152.8	**1031.1**	110.3	68.8	33.5	19.2	**231.8**	**1262.9**
Central Park	80.3	65.0	47 9	42.1	**235.3**	26.0	34.2	15.4	14.3	**89.9**	**325.2**
Clarke	376.9	267.4	192.4	111.2	**947.9**	228.7	53.0	53 8	38.9	**374.4**	**1322.3**
Cottage Grove	176 2	148 2	188.7	107.4	**620.5**	125.8	122.6	54.8	86.8	**390.0**	**1010.5**
Division & Cleaver St	309 3	220.9	124.0	91.3	**745.5**	.....	.....	.....	.....	.....	**745.5**
Dore	330.5	198.2	245.9	123.0	**887.6**	165.6	84.2	52.2	41.8	**343.8**	**1231.4**
Douglas	236.8	120.9	156.4	134.5	**648.6**	194.3	101.6	87.4	83.3	**466.6**	**1115.2**
Elizabeth Street	224.9	200.2	195 7	99.2	**720.0**	.....	.....	.....	.....	.....	**720.0**
Foster	206.0	192.3	151.8	69.1	**619.2**	267.2	128.8	66.6	38.8	**501.4**	**1120.6**
Fourteenth Street, W	436.0	170.2	112.0	101.9	**820.1**	.....	.....	.....	.....	.....	**820.1**
Franklin	401.6	246.7	238.6	205.5	**1092.4**	387.5	259 8	116.5	52.3	**816.1**	**1908.5**
Garfield	287.6	141.4	104 0	120.2	**653 2**	.....	.....	.....	.....	.....	**653.2**
Haven	183.8	131.4	106.9	116.3	**538.4**	112 2	65.5	56.1	26.8	**260.6**	**799.0**
Hayes	263.9	207.4	132.3	125.4	**729.0**	91.0	107 6	89 6	43.3	**331.5**	**1060.5**
Headley	286.4	165.9	155 8	118.7	**726.8**	83.4	49.0	35 0	22.0	**189.4**	**916.2**
Holden	321.6	201.1	165.8	161.9	**850.4**	100.8	79.1	22.9	16.8	**219.6**	**1070.0**
Huron Street	248.8	162 6	156 2	78.5	**646.1**	19.2	.....	.....	.....	**19.2**	**665.3**
Jackson Street, W	120.1	97 6	103.1	63 6	**384.4**	50.7	28.1	29.3	8.0	**116.1**	**500.5**
Jones	209 8	158.6	123.9	86.7	**579.0**	102 8	39.0	22 4	16.9	**181.1**	**760.1**
*Keith	104.8	79.6	43 2	64.3	**291.9**	57.9	20.5	15.7	.....	**94.1**	**386.0**
King	288.4	252.9	189.3	163.2	**892.8**	143.8	108.1	50.3	38 8	**341.0**	**1233.8**
Kinzie	133.7	78 7	113.2	48.2	**373.8**	148.4	145.1	57.2	33.3	**384.0**	**757.8**
La Salle	305.7	165.7	184.5	120.6	**776.5**	110.6	112.0	61.9	42.2	**326.1**	**1103.2**

Lawndale	45.9	19.6	35.1	15.3	**115.9**	16.5	13.4	15.6	4.3	**49.8**	**165.7**
Lincoln	204.7	127.9	205 6	147.3	**685.5**	134.6	103.9	58 8	44.8	**342.1**	**1027.6**
Lincoln Street	278.9	189.5	163.9	106.6	**738.9**	.....	.....	.....	.....	.....	**738.9**
Longfellow	414.7	210.1	120.2	70 3	**815.3**	.....	.....	.....	.....	.....	**815.3**
Marquette	236.2	189.5	176 3	141.4	**743.4**	142 0	135.4	88.1	44 1	**409.6**	**1153.0**
Moseley	168 0	161.7	121.7	149.7	**601.1**	188.6	125 1	114.6	57.8	**486.1**	**1087.2**
Newberry	500.2	280.8	306.5	196 0	**1283.5**	152.0	64.8	36.6	6.7	**260.1**	**1543.6**
Oak Street	287.1	200.6	145.5	68 6	**701.8**	.....	.....	.....	.....	.....	**701.8**
Oakley	176.5	131.3	122.1	60.9	**490.8**	167.2	52.1	44 3	18 9	**282.5**	**773.3**
Ogden	127 6	104.6	170 0	64.5	**466.7**	112 3	173 8	65.8	65.1	**417.0**	**883.7**
Pearson Street	231.5	204.3	144.9	142.3	**723.0**	.....	.....	.....	.....	.....	**723.0**
Pickard	295 9	166.9	167.9	63.9	**694.6**	50.4	27.6	17 9	5.9	**101.8**	**796.4**
Polk Street	336.5	253.2	154.7	163.1	**907.5**	.....	.....	.....	.....	.....	**907.5**
Raymond	216.9	150.5	131 6	74.8	**573.8**	87.3	56.4	31.4	13.1	**188.2**	**762.0**
Sangamon Street	419.4	263.4	158.7	116.5	**958.0**	.....	.....	.....	.....	.....	**958.0**
Scammon	298 5	243.3	164.6	130.4	**836.8**	104.9	62.7	12.9	12.8	**193.3**	**1030.1**
Sheldon	130.3	87 4	78.2	68.6	**364.4**	8.1	.....	.....	.....	**8.1**	**372.5**
Sheridan	349.1	173 1	158.5	101.0	**781.7**	91 4	49.5	43.5	22 0	**206.4**	**988.1**
Skinner	160.8	243 6	258 7	229.0	**892.1**	82.7	124.5	128.6	198.8	**534.6**	**1426.7**
Third Avenue	162.6	143.1	91.3	37.8	**434.8**	.....	.....	.....	.....	.....	**434.8**
Thirteenth Street, W	273.3	166.7	163.7	119.4	**723.1**	.....	.....	.....	.....	.....	**723.1**
Throop	375.4	194.3	96.8	108.5	**775.0**	125 9	53.6	18 5	18.2	**216.2**	**991.2**
Vedder Street	354 0	222 0	151.6	105.6	**833.2**	2.2	.....	.....	.....	**2.2**	**835.4**
Wallace Street	340.0	185 0	130.1	76.7	**731.8**	75.4	28.9	13.3	12 4	**130.0**	**861.8**
Walsh	512.7	248.1	224.6	138.5	**1123.9**	87.8	39 2	17.4	6.4	**150.8**	**1274.7**
Ward	378.7	226.2	246 5	120 3	**971.7**	.....	.....	.....	.....	.....	**971.7**
Washington	275.7	111.9	128.9	78.9	**594.5**	172.7	96.0	55.1	36.0	**359.8**	**954.3**
*Webster	144.8	107.7	94 6	52.3	**399.4**	49 1	22 9	13 7	.....	**85.7**	**485.1**
Wells	536.2	340.3	220.5	125.9	**1222.9**	155.7	89.9	75.6	16.2	**337.4**	**1560.3**
Wentworth Avenue	376.6	235.8	161.6	159 0	**933.0**	.....	.....	.....	.....	.....	**933.0**
Wicker Park	343.3	264.2	230.8	158 5	**996.8**	168.3	56.9	44.0	33.1	**297.3**	**1294.1**
Total	16212.2	10739.3	9123.8	6374.0	**42449.3**	5181.0	3368 5	2034 0	1359.5	**11843.0**	**54292.3**
In Ungraded Room in Jones School	•	.....	.....	.....	**18.2**	.....	.....	.....	.....	.....	**18.2**
Total					**42467.5**					**11843.0**	**54310.5**

*Opened January, 1884.

TABLE NO. IX.

PROMOTIONS FROM GRADE TO GRADE IN PRIMARY AND GRAMMAR DEPARTMENTS.

Schools.	PRIMARY GRADES.					GRAMMAR GRADES.					Total for Whole School.
	From First to Second Grade.	From Second to Third Grade.	From Third to Fourth Grade.	From Fourth to Fifth Grade.	Total Primary Grades.	From Fifth to Sixth Grade.	From Sixth to Seventh Grade.	From Seventh to Eighth Grade.	From Eighth to Ninth Grade.	Total Grammar Grades.	
Armour Street	153	152	98	78	**481**	36	34	35	22	**127**	**608**
Brighton	162	51	82	74	**369**	31	----	----	----	**31**	**400**
Brown	217	207	169	202	**795**	180	126	84	77	**467**	**1262**
Burr	99	65	85	30	**279**	9	28	13	8	**58**	**337**
Calumet Avenue	125	119	52	55	**351**	----	----	----	----	----	**351**
Carpenter	219	216	105	70	**610**	45	33	23	19	**120**	**730**
Central Park	69	45	45	38	**197**	21	23	13	16	**73**	**270**
Clarke	188	184	143	101	**616**	89	47	36	32	**204**	**820**
Cottage Grove	136	147	197	108	**588**	99	70	45	82	**296**	**884**
Division & Cleaver Street	171	147	71	78	**467**	----	----	----	----	----	**467**
Dore	191	200	125	107	**623**	120	61	38	36	**255**	**878**
Douglas	112	67	71	80	**330**	126	80	77	87	**370**	**700**
Elizabeth Street	116	120	86	67	**389**	----	----	----	----	----	**389**
Foster	189	163	121	80	**553**	153	73	53	37	**316**	**869**
Fourteenth Street, W	154	112	99	83	**448**	----	----	----	----	----	**448**
Franklin	298	275	246	166	**985**	311	155	89	49	**604**	**1589**
Garfield	116	76	71	75	**338**	----	----	----	----	----	**338**
Haven	89	93	90	68	**340**	23	26	38	23	**112**	**452**
Hayes	211	133	149	113	**606**	130	48	58	43	**279**	**885**
Headley	106	116	113	85	**420**	58	50	17	20	**145**	**565**
Holden	179	155	195	130	**659**	50	54	21	17	**142**	**801**
Huron Street	189	151	108	107	**555**	----	----	----	----	----	**555**
Jackson Street, W	94	60	56	43	**253**	35	15	23	10	**83**	**336**
Jones	149	108	113	67	**436**	10	26	14	17	**67**	**503**
*Keith	89	60	45	72	**266**	44	32	24	----	**100**	**366**
King	176	108	91	107	**482**	94	51	34	37	**216**	**698**
Kinzie	66	37	54	29	**186**	40	19	26	32	**117**	**303**
La Salle	138	81	120	136	**475**	84	117	58	50	**309**	**784**

Lawndale	47	29	13	10	**99**	12	14	18	7	**51**	**150**
Lincoln	95	124	172	96	**487**	80	59	40	37	**216**	**703**
Lincoln Street	142	125	138	107	**512**	----	----	----	----	----------	**512**
Longfellow	136	106	67	58	**367**	----	----	----	----	----------	**367**
Marquette	115	171	94	158	**538**	62	83	48	44	**237**	**775**
Moseley	167	79	172	57	**475**	83	75	76	56	**290**	**765**
Newberry	264	234	209	138	**845**	99	35	24	5	**163**	**1008**
Oak Street	215	119	82	61	**477**	----	----	----	----	----------	**477**
Oakley	116	103	71	67	**357**	68	----	29	17	**114**	**471**
Ogden	85	107	69	54	**315**	154	62	79	47	**342**	**657**
Pearson Street	135	142	135	89	**501**	----	----	----	----	----------	**501**
Pickard	94	121	118	57	**390**	22	26	13	7	**68**	**458**
Polk Street	217	147	140	105	**609**	----	----	----	----	----------	**609**
Raymond	67	36	50	81	**234**	51	33	27	13	**124**	**358**
Sangamon Street	323	224	142	79	**768**	----	----	----	----	----------	**768**
Scammon	204	194	122	83	**603**	46	31	10	12	**99**	**702**
Sheldon	53	53	67	52	**225**	----	----	----	----	----------	**225**
Sheridan	99	98	118	32	**347**	53	36	29	17	**135**	**482**
Skinner	157	193	166	134	**650**	154	102	108	80	**444**	**1094**
Third Avenue	80	87	43	25	**235**	----	----	----	----	----------	**235**
Thirteenth Street, W	157	155	124	97	**533**	----	----	----	----	----------	**533**
Throop	153	151	65	79	**448**	35	19	15	18	**87**	**535**
Vedder Street	204	202	138	112	**656**	----	----	----	----	----------	**656**
Wallace Street	148	135	96	70	**449**	53	14	9	13	**89**	**538**
Walsh	333	304	155	71	**763**	53	36	17	5	**111**	**874**
Ward	148	173	115	52	**488**	----	----	----	----	----------	**488**
Washington	162	101	113	84	**460**	126	68	33	36	**263**	**723**
*Webster	135	57	100	95	**387**	40	29	19	----	**88**	**475**
Wells	323	202	132	126	**783**	67	83	54	26	**230**	**1013**
Wentworth Avenue	195	132	103	82	**512**	----	----	----	----	----------	**512**
Wicker Park	268	232	204	93	**797**	101	50	42	34	**227**	**1024**
Total Promotions	9,233	7,684	6,532	4,953	**28407**	3,147	2,025	1,509	1,188	**7869**	**36276**

*Opened January, 1884.

HIGH SCHOOLS.

ENROLLMENT, ATTENDANCE, ETC., DURING SCHOOL YEAR 1883-84.

High Schools.	Enrollment of Pupils. By Grades.					By Sexes.			Age of Pupils at Date of First Enrollment During the Year.						
	Ninth Grade.	Tenth Grade.	Eleventh Grade.	Twelfth Grade.	Total.	Males.	Females.	Total.	Between 12 and 13 Years.	Between 13 and 14 Years.	Between 14 and 15 Years.	Between 15 and 16 Years.	Between 16 and 17 Years.	Over 17 Years.	Total.
North Division	152	71	44	38	**305**	104	201	**305**	2	16	36	78	80	93	**305**
South Division	238	144	50	47	**479**	145	334	**479**	4	22	64	124	118	147	**479**
West Division	353	209	118	71	**751**	205	546	**751**	3	22	117	162	210	237	**751**
Totals	743	424	212	156	**1535**	454	1081	**1535**	9	60	217	364	408	477	**1535**

High Schools.	Average Daily Membership. Grades.					Average Daily Attendance. Grades.					Per Cent. of Attendance. By Grades.					Promotions by Grades.					Graduates.		
	Ninth Grade.	Tenth Grade.	Eleventh Grade.	Twelfth Grade.	Total.	Ninth Grade.	Tenth Grade.	Eleventh Grade.	Twelfth Grade.	Total.	Ninth Grade.	Tenth Grade.	Eleventh Grade.	Twelfth Grade.	Total.	Ninth to Tenth.	Tenth to Eleventh.	Eleventh to Twelfth.	Graduates.	Total.	Three Years Classical Course.	Four Years Classical Course.	Four Years General Course.
North Div.	120.8	73.6	40.2	35.2	**269.8**	115.6	71.1	38.5	34.6	**259.8**	95.7	96.6	95.8	98.3	**96.3**	83	47	35	34	**199**	3	4	27
South Div.	199.3	119.6	40.1	41.0	**400.0**	189.6	111.2	37.4	39.4	**377.6**	95.1	92.9	93.3	96.1	**94.4**	157	63	26	37	**283**	5	4	28
West Div.	296.4	174.6	106.2	63.0	**640.2**	280.6	163.9	104.1	61.1	**609.7**	94.7	93.9	98.0	96.9	**95.2**	227	143	92	55	**517**	3	6	46
Totals	616.5	367.8	186.5	139.2	**1310.0**	585.8	346.2	180.0	135.1	**1247.1**	95.0	94.1	96.5	97.1	**95.2**	467	253	153	126	**999**	11	14	101

HIGH SCHOOLS.

EXPENDITURES ON ACCOUNT OF HIGH SCHOOLS FOR THE SCHOOL YEAR 1883–4.

High Schools.	Average Daily Membership.	Amount Paid for Tuition.	Cost per Pupil for Tuition.	Amount Paid for Fuel, Janitors' Services, and other Incidental Expenses.	Total Cost of High Schools.	Total Cost per Pupil.
North Division	269 8	$ 13,091 16	$ 48 52	$ 2,712 32	$ 15,803 48	$ 58 57
South Division	400.0	18,577 59	46 44	2 060 86	20,638 45	51 59
West Division	640.2	26,758 72	41 80	2.503 54	29,262 26	45 71
Totals	1,310 0	$ 58,427 47	$ 44 60	$ 7,276 72	$ 65,704 19	$ 50 16

GRADUATES.

THREE YEAR CLASSICAL COURSE.

The following named pupils completed the Three Year Classical Course, and were awarded diplomas at the close of the year:

NORTH DIVISION HIGH SCHOOL.

George A. Bass, Perkins B. Bass, Pritchard Stewart.

SOUTH DIVISION HIGH SCHOOL.

Arthur R. Edwards, William H. Fitzgerald, James O. Heyworth, Herbert L. Hart, Herbert W. Piper.

WEST DIVISION HIGH SCHOOL.

Henry W. Austin, Jr., Thomas J. English, James A. Peterson.

FOUR YEAR CLASSICAL COURSE.

The following named pupils completed the Four Year Classical Course, and were awarded diplomas at the close of the year:

NORTH DIVISION HIGH SCHOOL.

Edward J. Brougham,
Alice M. Hosmer,
Benjamin L. Riese,
Honta Belle Smalley.

SOUTH DIVISION HIGH SCHOOL.

Marion A. Ely,
George H. Lorimer.
Carl Meyer,
Hattie Stone.

WEST DIVISION HIGH SCHOOL.

Gustav W. Kunstman,
Martha H. Leidigh,
Frances L. Noble,
Arthur Pattison,
Benjamin J. Schnell,
Leo Stein.

FOUR YEAR GENERAL COURSE.

The following named pupils completed the Four Year General Course, and were awarded diplomas at the close of the year:

NORTH DIVISION HIGH SCHOOL.

Anna L. Bechdoldt,
Mary E. Boland,
Minnie M. Clybourn,
Mary E. Davy,
Hans A. Eschenburg,
Lizzie G. Finkler,
Ida Ruth Fuller,
Emma Geselbracht,
Isabelle Ellen Gibson,
Charles L. P. Halla,
Ida B. Hallock,
Sophie Heidenheimer,
Dora Heuermann,
Gustav Hessert,
Amalia Klare,
Antonia A. S. Lakay,
Harriet E. Lloyd,
Mary A. Mohan,
Margaret F. Moore,
Mary Morse,
Mary E. Riley,
Adaline A. S. Schaeffer,
Emily B. Seidenswartz,
Frederic W. Story,
Margaret T. Webb,
*Carrie B. Whitcomb.
Mary E. Wright.

SOUTH DIVISION HIGH SCHOOL.

Charles E. Brown,
George F. Brown, Jr.,
Clara Louise Busby,
Cynthia E. Chamberlin,
Grace Duffield,
Joseph W. Eliel,
Emily Freiberger,
Emma Louise Gates,
Mary Hegan,
C. Elizabeth Hulbert,
Anna May Ivison,
Mary J. Kearsley,
Martha Kroeber,
Crittie E. Marshall,
Mary G. Marshall,
Isabella A. McLerie,
Harriet N. Southard,
Jessie Sweger,
Genevra Merriam,
Albert Meyer,
Charlotte A. Nash,
E. Alice Reid,
Nellie Robinson,
Maurice M. Scheuer,
Edna Frances Scott,
Clara Snydacker,
Alice Temple,
Emily V. Windett.

*Diploma awarded December, 1884.

WEST DIVISION HIGH SCHOOL.

Charlotte Alstrup,	Ella May Farnum,	Carrie K. Kirschner,
Jessie Eva Blodgett,	Jemima Ferguson,	Lucy I. Laing,
Annie K. Boyden,	Minetta S. Fisher,	Mary E. LeFebvre,
Earl C. Bushnell,	Jessie C. Fitch,	Lottie A. Leckley,
Elizabeth J. Carroll,	D. Peter French,	Maggie V. Magee,
Exilda H. Chalifoux,	Maggie Gemmell,	Walter E. Mellinger,
Julia May Cook,	Emma C. Gilmore,	Laura E. Miner,
Alice J. Cooper,	Lillian Glanz,	Mary L. O'Toole,
Mary C. Cosgrove,	Nellie C. Goodnow,	Cora C. Powell,
Annie Degnan,	Lillian E. Greene,	Sarah I. Quayle,
Louise F. Denig,	Matilda Greifenhagen,	Rose E. Rafferty,
Jeanne A. DePoorter,	Della Hildreth,	Rosa Samler,
Peter Dunne,	Joseph B. Howard, Jr.,	Annie L. Soelke,
Dora Eaton,	Lizzie A. Hutchinson,	Eliza R. Stapleton,
Jennie Rogers Werst,	Ellen E. Williams,	
Robert Bruce Wilcox,	Belle B. Wolf.	

TOTAL AMOUNT PAID FOR SALARIES

DURING SCHOOL YEAR 1883-84.

The following statement shows the amount paid for Salaries of Superintendents, Office Employes, Teachers, Engineers and Janitors, during the School Year:

SUPERINTENDENTS AND OFFICE EMPLOYES—		
Superintendent of Schools	$ 4,200 00	
First Assistant Superintendent of Schools	3,150 00	
Second Assistant Superintendent of Schools	3,150 00	
Clerk	2,500 00	
Business Agent	2,750 00	
Attorney	2,750 00	
Book Keeper	1,700 00	
School Agent	1,000 00	
Assistant Clerk	1,050 00	
Messenger	40 74	
		$ 22,290 74
TEACHERS—		
For month of September, 1883	$ 79,745 78	
For month of October, 1883	81,055 37	
For month of November, 1883	81,638 56	
For month of December, 1883	81,889 25	
On account for January, 1884....90 per cent.	74,108 14	
On account for February, 1884....90 per cent.	74,908 38	
On account for March, 1884.....90 per cent.	75,388 77	
On account for April, 1884.....90 per cent.	75,336 83	
Balance for services rendered from January 1, 1884, to close of school month of May, 1884	122,633 46	
For month of June, 1884	86,053 56	
		$ 832,758 10
ENGINEERS AND JANITORS—		
For month of July, 1883	$ 5,330 50	
For month of August, 1883	5,359 53	
For month of September, 1883	5,596 00	
For month of October, 1883	5,626 00	
For month of November, 1883	5,708 31	
For month of December, 1883	5,896 24	
On account for January, 1884....90 per cent.	5,429 90	
On account for February, 1884....90 per cent.	5,440 40	
On account for March, 1884.....90 per cent.	5,437 90	
On account for April, 1884.....90 per cent.	5,437 90	
Balance for services rendered from January 1, 1884, to close of month of May, 1884....	8,515 90	
For month of June, 1884	6,055 00	
		$ 69,833 58
Total for Salaries		$ 924,882 42

SCHEDULE OF SALARIES.

FOR THE FISCAL YEAR 1884.

SUPERINTENDENTS.

	Per Annum.
Superintendent of Schools	$4,200 00
First Assistant Superintendent of Schools	3,150 00
Second Assistant Superintendent of Schools	3,150 00

SPECIAL TEACHERS.

Special Teacher of German	$1,800 00
Special Teacher of Vocal Music	1,800 00
Special Teacher of Drawing for Grammar and Primary Schools	1,800 00
Special Teacher of Drawing for High Schools	1,800 00
Assistant Teacher of Drawing in High Schools	650 00
Assistant Teacher of Vocal Music in High Schools	500 00

HIGH SCHOOLS.

PRINCIPALS—		
Each	at	$2,400 00
ASSISTANTS—		
Eight	at	$2,000 00
Three	at	1,800 00
Two	at	1,600 00
Thirteen	at	1,200 00
Five	at	1,100 00
One	at	900 00
Two	at	500 00

GRAMMAR AND PRIMARY SCHOOLS.

PRINCIPALS—

First Group.—Principals of the Brown, Cottage Grove, Dore, Douglas, Foster, Franklin, Haven, Hayes, Holden, King, La Salle, Lincoln, Marquette, Moseley, Newberry, Ogden, Skinner, and Wells Schools, $2,175 per annum.

Principals of the Armour Street, Carpenter, Clarke, Jones, Keith, Kinzie, Oakley, Pickard, Scammon, Sheridan, Throop, Wallace Street, Walsh, Washington, Webster, and Wicker Park Schools, $1,700 for the first year of service as Principal of Schools in this group; $1,800 for the second year of service, and $1,900 for the third and subsequent years of service.

Second Group.—Principals of the Burr, Headley, West Jackson Street and Raymond Schools, $1,400 for the first year of service as Principal of

Schools in this group, and $1,500 for the second and subsequent years of service.

Third Group.—Principals of the Brighton, Calumet Avenue, Central Park, Division and Cleaver Street, Elizabeth Street, West Fourteenth Street, Garfield, Huron Street, Lincoln Street, Longfellow, Oak Street, Pearson Street, Polk Street, Sangamon Street, Third Avenue, West Thirteenth Street, Vedder Street, Ward and Wentworth Avenue Schools, $1,250 for the first year of service as Principal of Schools in this group; $1,350 for the second and subsequent years of service.

Fourth Group.—Principals of the Lawndale and Sheldon Schools, $1,100.

ASSISTANTS—	Per Annum.
Head Assistants who have served ten years in such capacity	$950 00
All Head Assistants who have served in such capacity less than ten years	900 00
All Assistants in Primary Grades—	
For the first year of service	$400 00
For the second year of service	475 00
For the third year of service	550 00
For the fourth year of service	600 00
For the fifth year of service	650 00
For the sixth and subsequent years of service	725 00

Assistants in Grammar Grades to receive $50 per annum in addition to the rates paid Assistants in Primary Grades.

Assistants having charge of the First Division in Schools in which the highest grade of pupils is Fourth Grade, to receive also $50 per annum in addition to the rates paid Assistants in Primary Schools.

Second Teachers in Half Day Divisions to receive $50 per annum less than the rates paid Assistants in Primary Schools.

All changes in salaries to take place at the commencement of the School Month succeeding the expiration of the year's service.

Substitutes to be paid at the rate of $1.50 per day for each day of actual service.

OFFICE AND OTHER EMPLOYES.

Clerk of the Board of Education	$2,500 00
Business Agent	2,750 00
Attorney of the Board of Education	2,750 00
Book-keeper	1,700 00
Assistant Clerk	1,100 00
School Agent of the Board of Education	1,000 00
Messenger	300 00

AWARD OF FOSTER MEDALS.

JUNE 27, 1884.

Armour Street School—Peter A. Barnes.
Brown School—Charles H. Ker, Martha V. Bishop, Thomas H. Eddy.
Burr School—Thomas J. Walsh.
Carpenter School—Mamie E. Mattson.
Central Park School—Olive Read.
Clarke School—Ellen L. Cooper, Annie Northern.
Cottage Grove School—Kate Reed, Emma S. Cole, Minnie S. Titus.
Dore School—Mary A. White, Rickie Olsen.
Douglas School—Carl S. Conger, Gabrielle Hayden, Amy Hudson.
Foster School—George Thele, Nellie C. Dodge.
Franklin School—Julia O'Brien, Bessie Johnson.
Haven School—Josie Sullivan.
Hayes School—Clara A. Doering, Blanche L. Lewis.
Headley School—Dora M. Krey.
Holden School—Mary E. Rochford.
West Jackson Street School—Ida Dahlstrom.
Jones School—Alice Berg.
King School—Lulah C. Briggs, Walter B. Sampson.
Kinzie School—Alma Schenck.
La Salle School—Clara F. Schmidgall (*Class of December 1883*), Ida Anderson, Emma Nau.
Lawndale School—John C. Hessler.
Lincoln School—Flora Dickinson, Katie Joyce.
Marquette School—E. Archie Valentine, Thomas B. Lovelock.
Moseley School—George W. Stoneham, Raymond A. Beck.
Newberry School—Jennie L. Basch.
Oakley School—George A. Wegener.
Ogden School—Florence M. Kranz, Katharine E. Seymour.
Pickard School—Louisa C. Rusch.
Raymond School—Mary C. Gillen.
Scammon School—Jens I. Westengard.
Sheridan School—Eva Weiland.
Skinner School—Minnie L. Nemett, Aime Paul Heineck, Albert K. Ebey.
Throop School—Katie M. Dalton.
Wallace Street School—Virgil A. Wirtz.
Walsh School—Theresa G. Vail.
Washington School—Jessie Frazer, Jennie Olson.
Wells School—Charles McCullough.
Wicker Park School—Susie Amelia Belz.

AWARD OF W. K. SULLIVAN PRIZE.

To Skinner School. { Drawing Book of Standard Reproduction and Original Designs for Public Schools and Schools of Art.

TEXT BOOKS ADOPTED

FOR THE SCHOOL YEAR 1884-'85.

FOR THE HIGH SCHOOLS.

Putnam's Student's Atlas.
Anderson's General History.
Warren's Physical Geography.
Milne's Inductive Algebra.
Wentworth's Plane and Solid Geometry.
Avery's Natural Philosophy.
Eliot and Storer's Elementary Chemistry.
Tenney's Elements of Zoology.
Gray's Botany.
Rolfe and Gillett's Astronomy.
Shaw's New History of English and American Literature.
Hutchinson's Physiology and Hygiene.
Hill's Principle's of Rhetoric.
Dana's New Text Book of Geology.
Young's Government Class Book.
Haven's Mental Philosophy.
Jevon's Primer of Political Economy.
Song Books, Nos. 3 and 4.
Harkness' Latin Grammar.
Harkness' Latin Reader.
Jones's Latin Prose Composition.
Anthon's Classical Dictionary.
Smith's Smaller Classical Dictionar
Goodwin's Greek Grammar.
White's Greek Lessons.
Jones' Greek Composition.
Otto's German Conversation Grammar.
Klemm's History of German Literature.
Zimmerman's German Classical Reader.
Nathan der Weise.
College Series of German Plays Vol. 6.
Keetel's Elementary French Grammar.
Keetel's Analytical French Reader.

FOR THE GRAMMAR AND PRIMARY SCHOOLS.

Swinton's Word Book.
Appleton's First Reader.
Appleton's Second Reader.
Appleton's Third Reader.
Appleton's Fourth Reader.
Model Fourth Reader.
Appleton's Fifth Reader.
Harper's Introductory Geography.
Warren's Common School Geography.
Model Elementary Arithmetic.
Sheldon's Graded Examples in Arithmetic, 1st Book.
Robinson's Complete Arithmetic.
Wells' Shorter Course in Grammar.
Barnes' Brief History of the United States.
Analytical Copy Books (small).
Analytical Copy Books (large).
Walter Smith's Drawing Cards.
Walter Smith's Drawing Books(small.)
Walter Smith's Drawing Books(large)
Song Books, Nos. 1 and 2.
Lueken's German Primer.
Hailman's Elementary German Reader.
Luelzen's German Copy Books.

NAMES OF TEACHERS EMPLOYED.

MARCH 30, 1885.

Names in Small Capitals indicate Principals of Schools and Special Teachers; in Italics, Head Assistants; and in German Text, Teachers of German.

NAME.	SCHOOL.	RESIDENCE.
Abbott, Mary A.	Headley	194 Wesson Street.
Adams, Alice M.	Webster	2252 Wabash Avenue.
ADAMS, CARRIE G.	Polk Street	408 Washington Boulev'd.
Adams, Elvira H.	Armour Street	611½ Fulton Street.
Adams, Gertrude J.	Webster	2252 Wabash Avenue.
Adams, Kittie E.	Longfellow	476 Center Avenue.
Adams, Maggie C.	Longfellow	476 Center Avenue.
Adams, Mary T.	W. Thirteenth Street	476 Center Avenue.
Adams, Sophia B.	King	422 S. Oakley Avenue.
Aiken, Lois M.	Kinzie	73 N. State Street.
Ahern, Ellen	Wicker Park	538 W. Huron Street.
Ahern, Mary	Third Avenue	538 W. Huron Street.
Alger, Julia C.	Wells	255 E. Indiana Street.
Allen, Jennie	Arnold	341 Center Street.
Alexander, M. Letitia	Calumet Avenue	Englewood, Ill.
ALLING, JAMES CAREY	Central Park	1473 Washington Boul'd.
Alpiner, Flora E.	von Humboldt	418 W. Indiana Street.
Alstrup, Charlotte	Burr	81 W. Ohio Street.
Anderson, Annie J.	Motley	422 W. Ohio Street.
Anderson, Mary V.	Division & Cleaver St.	269 W. Ohio Street.
Anderson, Nellie W.	Haven	2910 Indiana Avenue.
Andrews, May	Montefiore	251 Winchester Avenue.
Armstrong, Edith	Wentworth Avenue	285 LaSalle Avenue.
Armstrong, Lizzie H.	Third Avenue	3811 Indiana Avenue.
Atkinson, Emma	Jefferson	581 W. Harrison Street.
Austin, Georgiana M.	La Salle	328 Hudson Avenue.
Averill, Carrie L.	Irving	420 Warren Avenue.
Ayers, Grace B.	Washington	420 Warren Avenue.
Ayers, Lillie G.	Central Park	420 Warren Avenue.
Ayres, Josephine A.	Armour Street	537 W. Jackson Street.
AYRES, LAURA D.	Armour Street	537 W. Jackson Street.

NAME.	SCHOOL.	RESIDENCE.
Babcock, Charles F.	Holden	2701 Michigan Av. Boul'd.
Backus, Olive	Wells	658 Fulton Street.
Bacon, Hattie B.	Newberry	359 Wells Street.
Bailey, Cecilia H.	Kinzie	96 Dearborn Avenue.
Bailey, Charlotte O.	South Division High	2600 Prairie Avenue.
Baird, Lillie M.	Wicker Park	Humboldt Park.
Bairnson, Mary J. R.	Lincoln Street	673 W. Superior Street.
Baker, Caro O.	Lincoln Street	1034 N. Halsted Street.
Baker, Julia A.	Walsh	2888 Archer Avenue.
Baker, Mary E.	Sheridan	161 S. Green Street.
Ball, Agnes E.	Washington	176 Curtis Street.
Ballard, Sarah P.	Marquette	756 W. Jackson Street.
Banks, Grace M.	Walsh	414 W. Monroe Street.
Bannan, George C.	Haven	3149 Prairie Avenue.
Barber, Fanny A.	Lincoln	1854 Wellington St., L. V.
Barber, Matey C. A.	Jefferson	675 W. Jackson Street.
Barclay, Elvira D.	Newberry	444 Garfield Avenue.
Barclay, Elvira M.	Arnold	444 Garfield Avenue.
Barker, Esther J. W.	Headley	236 Bissell Street.
Barnard, Alice L.	Jones	Washington Heights.
Barnard, Alice S.	Webster	Washington Heights.
Barnes, Erastus A.	Keith	3420 S. Park Avenue.
Barrett, Lou P.	Raymond	3826 La Salle Street.
Bartelme, Adelina T.	N. & S. Div. High	355 Ogden Avenue.
Bartelme, Mary M.	Armour Street	355 Ogden Avenue.
Bartels, Emma H.	Franklin	1727 Frederick St., L. V.
Bartholf, Charles S.	Emerson	1434 Wabash Avenue.
Bartlett, Mary S.	Lincoln	176 Howe Street.
Bates, Nellie F.	Throop	3620 Vernon Avenue.
Baumann, Nelly M.	Ogden	1844 Wellington St., L. V.
Bean, Lizzie	Montefiore	427 W. Monroe Street.
Beaubien, Nellie B.	Wells	34 N. Irving Place.
Beck, Leonora E.	Scammon	86 Center Avenue.
Beck, Lizzie F.	Headley	292 Larrabee Street.
Beder, Marie A.	Headley & Burr	359 Lincoln Avenue.
Beckley, Theresa E.	Newberry	218 Fremont Street.
Bectin, Annie E.	Huron Street	71 E. Indiana Street.
Beebe, Elizabeth B.	Division & Cleaver St.	1169 Milwaukee Avenue.
Bellwood, Lottie L.	Central Park	Fulton St., cor. W. 41st St.
Bennett, Clara C.	Oakley	Wheaton, Ill.
Benson, Bertha	Skinner	449 W. Jackson Street.
Benson, Fannie E.	Kinzie	244 Erie Street.
Bergh, Rosalie F.	Arnold	354 Mohawk Street.
Bergstrom, Carrie A. N.	Montefiore	287 W. Indiana Street.
Bertrand, Anna C.	Foster	488 S. Union Street.
Bevans, Alice C.	Ogden	564 Fulton Street.

NAME.	SCHOOL.	RESIDENCE.
Bevans, Homer	La Salle	Englewood, Ill.
Bigelow, Alice A.	Douglas	3020 Indiana Avenue.
Bigelow, Lucretia J.	Scammon	44 S. Sangamon Street.
Bird, Katharine	Burr	306 Orchard Street.
Birge, Mary L.	Sheridan	3150 Forest Avenue.
Birmingham, Mary C. S.	Keith	3149 Dearborn Street.
Blackman, Orlando	Sp. T. Vocal Music	22 St. John's Place.
Blanchard, Helen N.	Washington	616 Fulton Street.
Blanks, Emma K.	Holden	1466 Michigan Av. Boul'd.
Blanks, Louise C.	Holden	1466 Michigan Av. Boul'd.
Bliss, Amelia R.	Calumet Avenue	2939 Vernon Street.
Block, Lewis J.	Sheridan	2225 Wabash Avenue.
Blodgett, Florence N.	Clarke	404 S. Oakley Avenue.
Blodgett, Jessie E.	Dore	185 S. Western Avenue.
Boland, Mary E.	La Salle	138 Eugenie Street.
Bonfield, Mary	Ward	3025 Wabash Avenue.
Boughan, Mary J. W.	Brown	356 Congress Street.
Bowen, Katie M. J.	Franklin	25 Town Street.
Boyce, Mary M.	La Salle	722 Wells Street.
Boyden, Helen W.	Lincoln	864 N. Halsted Street.
Braafch, Hedwig	Wicker Park	52 Mozart Street.
Bracken, Ella	Skinner	269 Illinois Street.
Bracken, Emma A.	Ogden	269 Illinois Street.
Bradish, Annie	Division & Cleaver St.	7 Austin Avenue.
Bradshaw, Braddie	Arnold	348 Burling Street.
Bradway, Emily R.	Washington	509 W. Lake Street.
Brady, Emma A.	Arnold	345 Hudson Avenue.
Brady, M. Arabella	Marquette	11 Aberdeen Street.
Brady, Mary C.	Webster	215 S. State Street.
Brayton, James H.	Webster	6357 Yale Street.
Brayton, Laura T.	Skinner	638 W. Jackson Street.
Brayton, Sarah T.	Wicker Park	2 Hirsch Street.
Brazill, Mary E.	Wallace Street	3038 Lowe Avenue.
Brechbill, Mary O.	Headley	281 Webster Avenue.
Brechbill, Sadie Y.	Headley	281 Webster Avenue.
Brennan, Agnes	Keith	Normal Park, Ill.
Brennan, Kittie	Jones	133 E. Twenty-second St.
Bridgman, Harriet M.	Wells	782 Washington Boulev'd.
Briggs, Amelia C.	Lincoln	35 Wisconsin Street.
Briggs, Ida M.	Clarke	245 S. Robey Street.
Bright, Orville T.	Douglas	3544 Forest Avenue.
Britain, Adella M.	W. Jackson Street	357 S. Hoyne Avenue.
Brookings, M. Ellen	Moseley	3418 Rhodes Avenue.
Brookins, Mary	Lawndale	Downer's Grove, Ill.
Brooks, Sarah A.	Haven	1832 Wabash Avenue.
Broß, Rofalie	Skinner	170 E. Indiana Street.

NAME.	SCHOOL.	RESIDENCE.
Broussais, Marie A.	S. & N. Div. High	2208 Wabash Avenue.
Brown, Bridget M.	Wallace Street	3156 Ullman Street.
Brown, Jane D.	Armour Street	1248 W. Madison Street.
Brown, Mary E.	Pickard	434 Irving Place.
Brown, Minnie A.	Brenan	3120 Butterfield Street.
Browne, Lizzie R.	Douglas	2817 Indiana Avenue.
Brust, Louisa	Douglas	1630 Prairie Avenue.
Bryan, Kittie E.	Oakley	Maywood, Ill.
Bryant, Mary A. B.	Central Park	15 Francisco Street.
Buckley, Catharine L.	Franklin	638 Wells Street.
Buckley, Lizzie C.	Franklin	638 Wells Street.
Buckley, Lynora L.	La Salle	638 Wells Street.
Buechel, Caroline	Scammon	756 W. Madison Street.
Buhmann, Elizabeth C.	Moseley	19 Mohawk Street.
Bull, Sophia	Armour Street	70 N. Market Street.
Burbank, Mary F.	Irving	315 Flournoy Street.
Burcky, Louise M.	Moseley	Englewood, Ill.
Burke, Maggie E.	Oakley	871 Fulton Street.
Burke, Mary	Pearson Street	190 Chestnut Place.
Burke, Mary L.	Armour Street	664 W. Erie Street.
Burke, May S.	Jefferson	240 Laflin Street.
Burke, Nellie M.	Motley	199 N. Paulina Street.
Burns, Annie M.	Lincoln Street	369 W. Indiana Street.
Burns, Maggie E.	Ogden	25 Goethe Street.
Burns, Mary	Washington	194 N. May Street.
Burrows, Martha A.	Wells	549 W. Erie Street.
Burt, Mary E.	Jones	74 Bryant Avenue.
Busch, Rose E.	Longfellow	37 Winthrop Place.
Bushnell, Anna E.	Lincoln	486 Webster Avenue.
Butler, Helen A.	Headley	182 Fremont Street.
Butterfield, Hattie M.	Pearson Street	Commercial Hotel.
Butts, Augusta E.	Washington	420 Warren Avenue.
Cairns, Sara F.	Foster	498 S. Morgan Street.
Cahill, Mary	Oak Street	334 Hudson Avenue.
Cahill, Mary L.	Sheridan	62 Swift Place.
Caldwell, Laura R.	Hayes	344 Warren Avenue.
Calvert, Alice E.	Webster	4225 Wolcott Avenue.
Campbell, Elizabeth D.	Lincoln Street	112 S. Lincoln Street.
Campbell, Ellen A.	Haven	1911 Wabash Avenue.
Campbell, Jennie C.	Wicker Park	843 N. Robey Street.
Campbell, Mary B.	Dore	105 W. Adams Street.
Canaday, Celia	Carpenter	544 W. Lake Street.
Canevin, Susie O.	Huron Street	21 Starr Street.
Cannon, Abbie A.	Vedder Street	32 Goethe Street.
Cannon, Mary E.	Franklin	270 N. Franklin Street.

NAME.	SCHOOL.	RESIDENCE.
Cannon, Theresa A	Franklin	270 N. Franklin Street.
Canney, Alice B	Wentworth Avenue	191 Twenty-fourth Street.
Carabine, Hannah R	Holden	2723 Bonfield Street.
Carey, Susie A	Throop	529 W. Taylor Street.
Carpenter, Ellen W	Brown	62 Park Avenue.
Carroll, Sarah A. F	Polk Street	287 W. Taylor Street.
Carson, Mary	Sheridan	Arlington Heights.
Carter, Vanilla V	Wells	696 W. Lake Street.
Cary, Anna S	Walsh	373 W. Monroe Street.
Carpenter, Jennie S	W. Thirteenth Street	232 Ewing Street.
Case, Sophie M	Washington	396 Warren Avenue.
Casey, Maggie B	W. Thirteenth Street	46 S. Peoria Street.
Casey, Nellie E	W. Fourteenth Street	637 S. Ashland Avenue.
Cashin, Maggie A	Pearson Street	33 Whiting Street.
Cassidy, Maggie M	Longfellow	53 Newberry Avenue.
Cassidy, Sarah A	Longfellow	53 Newberry Avenue.
Cavanah, Catherine M	King	1177 W. Adams Street.
Cavanah, Lizzie A	King	1177 W. Adams Street.
Cavanaugh, Julia A	Huron Street	155 E. Indiana Street.
Chacksfield, Georgiana	Lincoln Street	7 S. Peoria Street.
Chadwick, Mary G	Cottage Grove	3803 Johnson Place.
Chapin, Carrie E	Moseley	Englewood, Ill.
Chapman, Ann E	Sheldon	661 LaSalle Avenue.
Chapman, Emily A. N	W. Jackson Street	1269 Wilcox Avenue.
Chart, Susie E	Lincoln	255 E. Indiana Street.
Chase, Alice M	Wicker Park	1105 W. Jackson Street.
Chilvers, Sara	Garfield	110 Miller Street.
Christensen, Effie A. M	Wicker Park	173 W. Indiana Street.
Christian, Kate J	Montefiore	152 N. Sangamon Street.
Christian, Libbie A	Montefiore	152 N. Sangamon Street.
Christie, Emma E	Foster	Englewood, Ill.
Clarke, Luella H	Elizabeth Street	122 Warren Avenue.
Claflin, James F	West Division High	Lombard, Ill.
Clancey, Jennie M	Douglas	24 Charles Place.
Clancey, Maggie A	Brighton	3235 Fox Street.
Clancey, Minnie N	Ogden	73 Hill Street.
Clarke, Jennie	Dore	166 Aberdeen Street.
Clarke, Lottie C	Dore	377 Marshfield Avenue.
Clarke, Margaret F	King	857 Jackson Street.
Clarke, Fannie E	Armour Street	853 Washington Street.
Clay, Maria P	Calumet Avenue	2937 Vernon Avenue.
Clayberg, George M	West Division High	261 Warren Avenue.
Cobb, Elizabeth F	Franklin	372 Oak Street.
Cochran, Helen V	Burr	Evanston, Ill.
Cochrane, Martha	Longfellow	40 S. Throop Street.
Coffee, Lizzie M	Vedder Street	320 Mohawk Street.

NAME.	SCHOOL.	RESIDENCE.
Cohn, Annie G. E	Brenan	2488 Archer Avenue.
Colby, Francelia	Cottage Grove	3639 Grand Boulevard.
Colby, Laura G	Haven	3639 Grand Boulevard.
Colby, Minnie J	Wells	900 W. Adams Street.
Colby, Sarah	Wells	900 W. Adams Street.
Cole, Gertrude O	Calumet Avenue	3035 Michigan Avenue.
Coleman, Mary T	Sheridan	242 E. Superior Street.
Coles, Ella R	Throop	331 W. Adams Street.
Colver, Susan E	Cottage Grove	100 Douglas Avenue.
Cooke, Emilie H	South Division High	2245 Wabash Avenue.
Cook, Ida M	Brighton	Cor. Fuller St. & Ashland Av.
Cook, Maggie	Arnold	136 Seminary Avenue.
Cooke, Anna L	Keith	3152 Dearborn Street.
Cooley, Lottie I	Wells	174 N. State Street.
Cooper, Ella J	Headley	256 Fremont Street.
Combs, Rye B	Haven	Normal Park.
Comerford, Lizzie A	Brenan	3 Winthrop Street.
Compton, Helen D	South Division High	Woodruff House.
Conde, Pauline	Throop	281 W. Monroe Street.
Conley, Rosanna	Oak Street	219 Townsend Street.
Conley, Sarah E	Haven	1537 Wabash Avenue.
Connelly, Sarah C	Franklin	52 E. Huron Street.
Conner, Bessie M	Walsh	119 Sebor Street.
Corbin, Ellen M. W	Jones	366½ Wabash Avenue.
Corigan, Lizzie A	Calumet Avenue	3229 Indiana Avenue.
Cougle, Susan E	Wentworth Avenue	1337 Michigan Avenue.
Cowan, Kate	Emerson	239 S. Robey Street.
Cowan, Minnie R	Wallace Street	3519 Stanton Avenue.
Cox, Henry C	Pickard	426 Irving Place.
Crain, Mary E	Moseley	2840 Michigan Avenue.
Crane, Emma E	Irving	16 Hamilton Avenue.
Crane, Olivia A	Elizabeth Street	16 Hamilton Avenue.
Craney, Mary E	Montefiore	15 S. Sheldon Street.
Cravens, Helen A	Brown	941 W. Monroe Street.
Crisler, Alice G	La Salle	1009 N. Clark Street.
Crotty, Mary A	Brenan	3422 Laurel Street.
Cross, Mary H	Armour Street	876 Fulton Street.
Crowe, Julia A	Wentworth Avenue	2804 Dearborn Street.
Crowe, Mary A	Webster	2804 Dearborn Street.
Crowell, Fannie J	Foster	207 S. Morgan Street.
Crumb, Frances L	Jefferson	845 W. Adams Street.
Cunningham, Sara L	Oak Street	296 Dayton Street.
Cureton, Mary L	Emerson	846 W. Congress Street.
Curle, Mary A	Ogden	177 Oak Street.
Curran, Joanna A	Throop	310 Loomis Street.
Curran, Maggie A	W. Thirteenth Street	310 Loomis Street.

NAME.	SCHOOL.	RESIDENCE.
Currier, Emily C.	Elizabeth Street	Oak Park, Ill.
Curtis, Louise S.	Cottage Grove	3418 Rhodes Avenue.
Cusack, Marcella	Hayes	706 W. Monroe Street.
Cusack, Nell	Brown	706 W. Monroe Street.
Cusack, Virginia	Irving	706 W. Monroe Street.
Cutler, Julia K.	Irving	420 S. Leavitt Street.
Cutter, Lizzie N.	LaSalle	661 LaSalle Avenue.
Dabbs, Sarah A.	Moseley	2939 Wabash Avenue.
Dalton, Kate	Hayes	278 Idaho Street.
Daley, Mary E.	Longfellow	353 S. May Street.
Daly, Ellen T.	Franklin	29 Ontario Street.
Daly, Minnie E.	Ward	348 E. Indiana Street.
Daly, Sarah A.	Holden	106 Sherman Street.
Danforth, Mary E.	Jones	Englewood, Ill.
Danforth, M. Juliet	Brown	342 Warren Avenue.
Darrow, Edward E.	South Division High	421 Carroll Avenue.
Date, Clara	King	1062 Wilcox Avenue.
David, Justina	Franklin	211 Wells Street.
Davis, Emma F.	Marquette	905 W. Jackson Street.
Davis, Mary A.	Lincoln Street	115 Colorado Avenue.
Davis, Mary E.	Division & Cleaver St.	170 Albany Avenue.
Davy, Maggie E.	Washington	160 N. May Street.
Davy, Nellie M.	Wells	160 N. May Street.
Dawson, Annie S.	Arnold	732 Sedgwick Street.
Dean, Mary H.	Polk Street	185 S. Morgan Street
Dean, Sophia L.	Armour Street	71 Park Avenue.
Decker, Catherine A.	La Salle	180 Goethe Street.
Decker, Lettie S.	Foster	294 Center Avenue.
Decker, Nettie W.	Arnold	204 Burling Street.
Deggeller, Catherine	Ogden	936 N. Halsted Street.
De Good, Susie E.	Walsh	469 S. Robey Street.
Degnan, Annie	Burr	194 Carroll Avenue
Delafontaine, Marc	West Division High	64 Park Avenve.
De Lano, Annie J.	Wells	265 E. Huron Street.
Del Banco, Miriam	Emerson	25 Walnut Street.
De Luce, Arvilla C.	W. Jackson Street	193 California Avenue.
De Luce, Mary A.	Jefferson	193 California Avenue.
Dew, Agnes E.	Arnold	381 Dayton Street.
Dewey, Electa E.	Calumet Avenue	2921 Vernon Avenue.
Dewey, Ella A.	Skinner	364 W. Monroe Street.
Dewey, Frances E. M.	Carpenter	415 Washington Boulev'd.
Dewey, James R.	West Division High	27 S. Ashland Avenue.
Dewey, Mary J.	Third Avenue	2921 Vernon Avenue.
Dickinson, M. Adelia	Brown	80 Park Avenue.
Dickson, Nellie L.	Scammon	La Grange, Ill.

NAME.	SCHOOL.	RESIDENCE.
DIMOCK, ELIZABETH F.	Sp. T. of Drawing	159 Warren Avenue.
Dixon, Kate F.	Huron Street	227 La Salle Avenue.
Dodd, Agnes E.	Brenan	63 Cass Street.
Dodd, Margaret T.	La Salle	63 Cass Street.
DODGE, CHESTER C.	Oakley	725 Washington Boulev'd.
Dodge, M. Luella	Sheldon	201 Lincoln Avenue.
Dodge, Margaret S.	Throop	2239 Prairie Avenue.
Dodge, Medora E.	Newberry	201 Lincoln Avenue.
Donahue, Louise J. W.	Garfield	382 Blue Island Avenue.
Donahue, M. Agnes	Walsh	119 Ontario Street.
Donegan, Katie A.	Third Avenue	545 La Salle Avenue.
Donoghue, Minnie E.	Sheldon	323 E. Chicago Avenue.
Donoghue, Theresa C.	Newberry	323 E Chicago Avenue.
Doubek, Minnie	Carpenter	381 Fulton Street.
Dougall, Jean	Ogden	45 Cedar Street.
DOUGALL, MARGARET	Oak Street	45 Cedar Street.
Downer, Cora E. S.	Keith	337 S. Leavitt Street.
Downs, Augusta L.	Hayes	208 W. Monroe Street.
Downs, Clara G.	Hayes	208 W. Monroe Street.
Dresser, Laura K.	Raymond	3445 Wabash Avenue.
Dryfuss, Flora V.	Brenan	3227 Forest Avenue.
Duck, Mary F.	Dore	323 S. Paulina Street.
Duffield, Alice	Cottage Grove	3020 Groveland Avenue.
Duffin, May C.	Jones	1828 Indiana Avenue.
Duffy, Anna M.	Polk Street	89 Sangamon Street.
Dunbar, Mary E.	Wicker Park	265 E. Huron Street.
Dunlap, Mary	W. Thirteenth Street	42 Blue Island Avenue.
Dunlap, Therese W.	Clarke	42 Blue Island Avenue.
Dunn, Lizzie J.	Pearson Street	263 N. Market Street.
Dunn, Mary F.	Longfellow	298 Loomis Street.
Dunne, Amelia M.	Scammon	34½ Laflin Street.
Dunne, Kate F.	Scammon	34½ Laflin Street.
Dunton, Mary M.	Wells	417 Warren Avenue.
Dupuy, Henrietta	Newberry	377 Dayton Street.
Durbin, Eva C.	South Division High	3203 Prairie Avenue.
Durham, Sophia	Moseley	2413 Michigan Avenue.
Dymond, Ella J.	Polk Street	1060 Wilcox Avenue.
Dynan, Hattie	Pickard	Crawford, Ill.
Early, Minnie M.	Throop	504 S. Morgan Street.
Eaton, Sarah J.	Newberry	57 Wieland Street.
Eckstorm, Helena I.	Arnold	901 Larrabee St., L. V.
Eckstorm, Sophia A.	Newberry	901 Larrabee St., L. V.
Eddy, Clara E.	Ward	2532 Dearborn Street.
Edington, Marietta	King	422 S. Oakley Street.
Eiles, Katharine	Wicker Park	163 Armitage Avenue.

NAME.	SCHOOL.	RESIDENCE.
Eliel, Mathilde	Scammon	1234 Indiana Avenue.
Elliott, Emily E.	Scammon	935 W. Harrison Street.
Elliott, Mary A.	Dore	231 S. Western Avenue.
Elting, A. Rosa	Oak Street	395 N. State Street.
Elwell, Louise C. W.	Irving	533 Idaho Street.
Emery, Adele M.	Webster	3238 Dearborn Street.
English, Gertrude E.	Foster	295 W. Taylor Street.
English, Jane P.	Garfield	295 W. Taylor Street.
English, Mary E.	Kinzie	96 Dearborn Avenue.
Enright, Mary A. V.	Pickard	Cor. 18th St. & Western Av.
Erwin, Emma A.	Douglas	2925 Wabash Avenue.
Eschenburg, Emma	Carpenter	669 La Salle Avenue.
Evans, Elizabeth	Lawndale	1232 Genesee Avenue.
Evans, Grace E.	Skinner	404 W. Adams Street.
Evarts, Ella L.	Wentworth Avenue	3724 Lake Avenue.
Everitt, Huldah	Ogden	221 & 223 Ontario Street.
Faber, Clementine	Jones	1828 Indiana Avenue.
Fairman, Emily W.	Elizabeth Street	435 Carroll Avenue.
Fallon, Celia S.	Washington	155 N. Union Street.
Farnham, Mary A.	Cottage Grove	132 Thirty-fifth Street.
Farnsworth, Cora A.	Jefferson	748 W. Van Buren Street.
Farrell, Fannie T.	Vedder Street	370 Sedgwick Street.
Farson, M. Elizabeth	Brown	134 Warren Avenue.
Farson, Nora M.	Clarke	134 Warren Avenue.
Farson, Rebecca M.	Haven	134 Warren Avenue.
Faucette, Ella M.	Ward	2915 Indiana Avenue.
Feinberg, Bertha	Moseley	3258 Prairie Avenue.
Feldkamp, Minnie	Hayes	303 W. Van Buren Street.
Fenimore, Emma B.	Ward	3208 Indiana Avenue.
Fenimore, Martha P.	Moseley	3208 Indiana Avenue.
Fergus, Jessie	Ogden	69 Pine Street.
Ferguson, Kate	Pickard	545 W. Van Buren Street.
Ferguson, Marion	Pickard	545 W. Van Buren Street.
Field, Alice E.	Brown	45 Honore Street.
Fish, Carrie T. G.	Cottage Grove	3144 Indiana Avenue.
Fish, Josephine G.	W. Fourteenth Street	335 W. Monroe Street.
Fisher, Lida	Motley	142 S. Ashland Avenue.
Fisher, Maggie A.	Oakley	51 N. Western Avenue.
Fisher, Minetta S.	Division & Cleaver St.	188 N. Center Avenue.
Fisher, Ottilie L.	Lincoln Street	188 N. Center Avenue.
Fisk, Franklin P.	West Division High	532 W. Adams Street.
Fitzgerald, Lizzie M.	Marquette	114 Winchester Avenue.
Fitz Gerald, Mary E.	Headley	189 Racine Avenue.
Fitzpatrick, Mary A.	Kinzie	50 Cass Street.
Flagg, Sarah O.	Elizabeth Street	Norwood Park.

NAME.	SCHOOL.	RESIDENCE.
Flagler, Edith B.	Marquette	1020 W. Adams Street.
Flanigan, Mary A. B.	Webster	3160 Fifth Avenue.
Fleming, Sarah A.	Longfellow	300 S. Des Plaines Street.
Fletcher, Hattie E.	Keith	3128 Vernon Avenue.
Flowers, Tammie E.	W. Fourteenth Street	174 S. Sangamon Street.
Foley, Joanna E.	Raymond	2028 S. Dearborn Street.
Foltz, Elizabeth A.	Moseley	3341 Vernon Avenue.
Fomhof, Katherine	West Jackson Street	1158 W. Jackson Street.
Fontayne, Bertha	Raymond	3210 Forest Avenue.
Fontayne, Ida	Raymond	3210 Forest Avenue.
Forbes, Edith W.	Wallace Street	Cor. 63d & School Sts.
Forbes, Mary E.	Wallace Street	Cor. 63d & School Sts.
Ford, Charles H.	West Jackson Street	1248 W. Monroe Street.
Ford, Kate E.	Motley	176 N. Des Plaines Street.
Foreman, Blanche	Wentworth Avenue	2535 Wabash Avenue.
Forſter, Auguſte J.	Wells	46 Fowler Street.
Forſter, Malwine R.	Wells	46 Fowler Street.
Fortune, Margaret F.	Ward	2915 Shields Avenue.
Foss, Lizzie M.	Wicker Park	267 Bissell Street.
Fox, Alice E.	Lincoln	293 Orchard Street.
Frazier, Lizzie T. H.	Wallace Street	3120 Parnell Avenue.
Freeman, Grace L.	Elizabeth Street	47 S. Sangamon Street.
Freiberger, Linnie	Haven	2916 Calumet Avenue.
Freiberger, Sarah L.	Webster	3026 Indiana Avenue.
French, Charles W.	West Division High	216 Warren Avenue.
French, Emily L.	Ward	64 Twenty-third Street.
Freund, Belle M.	Polk Street	256 Congress Street.
Friend, Mary	King	630 W. Monroe Street.
Frisbie, Emilie B.	Walsh	470 Idaho Street.
Frisbie, Helen M.	Pickard	470 Idaho Street.
Frommann, Emma M. A.	Haven	866 N. Park Avenue.
Fuchs, Elſa	Throop	195 La Salle Avenue.
Fuller, Ida R.	Oak Street	225 Oak Street.
Furey, Mary A.	Foster	278 Campbell Avenue.
Furney, Hattie S.	Cottage Grove	179 Thirty-seventh Street.
Furthmann, Sarah J. F.	Lincoln	575 Orchard Street.

Galbraith, Anna	Oak Street	215 Townsend Street.
Garcia, M. Louise C.	Newberry	210 Center Street.
Garrison, Avi E.	Keith	3218 State Street.
Gates, Amanda P.	Dore	Blue Island, Ill.
Gavin, Cecilia M.	von Humboldt	65 Walnut Street.
Gavin, Katie L.	von Humboldt	65 Walnut Street.
Gee, Etta Q.	Franklin	222 Chestnut Place.
Geib, Pauline	Newberry	99 Orchard Street.

NAME.	SCHOOL.	RESIDENCE.
Gemmell, Lizzie B	Dore	540 W. Jackson Street.
Gibbons, Anna M	Wallace Street	3036 Dashiel Street.
Gibbons, Celia S	Polk Street	135 Lytle Street.
Gibbons, Lizzie A	Armour Street	304 Austin Avenue.
Gibbons, M. Angela	Armour Street	304 Austin Avenue.
Gibbons, M. Althea	LaSalle	85 Wells Street.
Gibbs, Sarah M	King	1099 W. Jackson Street.
Gilbert, Mary E	Webster	246 E. Twenty-eighth St.
Gill, Maggie S	Franklin	297 E. Chicago Avenue.
Gillespie, Jennie E	Garfield	235 Ewing Street.
Gillett, Anna E	Moseley	2312 Wabash Avenue.
Gilmore, Celia M	Jefferson	468 Marshfield Avenue.
Gilmore, Nora A	Clarke	468 Marshfield Avenue.
Gils, Marie W	Oakley	295 Fulton Street.
Glanz, Lillian A. M	von Humboldt	36 Bryson Street.
Glenn, Annie J	Wentworth Avenue	751 W. Jackson Street.
Gould, Eveline	Marquette	1013 W. Monroe Street.
Gould, Isabel F	Brown	1013 W. Monroe Street.
Goode, Angie E	Headley	327 Racine Avenue.
Goodnow, Carrie L	Skinner	187 S. Oakley Avenue.
Goodsmith, Millie A	Ogden	220 Schiller Street.
Goggin, Annie C	Franklin	123 E. Erie Street.
Goggin, Catherine	Jones	282 Idaho Street.
Goggin, Lizzie M	Franklin	123 E. Erie Street.
Gormley, Mary E	Washington	347 W. Indiana Street.
Gorringe, Elizabeth M	Newberry	711 Larrabee Street.
Gosau, Emma A	South Division High	1801 Wabash Avenue.
Gould, Elsie H	Vedder Street	486 Webster Avenue.
Gowdy, Eluna E	Cottage Grove	3410 Rhodes Avenue.
Grant, Sarah R	Douglas	2941 Indiana Avenue.
Grace, Susan J	West Division High	220 Marshfield Avenue.
Graham, Miriam L	Clarke	650 W. Twelfth Street.
Grant, Annie S	Keith	2941 Indiana Avenue.
Green, Minnie S	Ogden	279 LaSalle Avenue.
Green, Nellie	Dore	83 N. Curtis Street.
Greene, Lillian E	Wells	426 W. Lake Street.
Greene, Mary	W. Thirteenth Street	336 W. Polk Street.
Greenleaf, Emma M. C.	Longfellow	Englewood.
Greenleaf, Mary L	Jones	Oak Park.
Greifenhagen, Tilly	Throop	173 Blue Island Avenue.
Griffin, Fanny A	Hayes	256 S. Ashland Avenue.
Griffin, Mary E	Scammon	162 S. DesPlaines Street.
Gubbins, Maggie M	Headley	767 Racine Avenue, L. V.
Gunderson, Julia S	Division & Cleaver St.	393 W. Erie Street.
Guth, Eugenie F	Foster	402 W. Congress Street.

NAME.	SCHOOL.	RESIDENCE.
Haas, Emma O	Throop	15 Blue Island Avenue.
Haase, Ralph J	Burr	210 Waubansia Avenue.
Haberland, Ida M	Brighton and Keith	533 N. Ashland Avenue.
Hack, Patty A	Newberry	201 Lincoln Avenue.
Häger, Frieda	Emerson	365 W. Taylor Street.
Haines, Bessie	Marquette	288 S. Ashland Avenue.
Haire, Mary B	Ogden	52 Lincoln Avenue.
Halket, Belle M	Carpenter	281 Park Avenue.
Halket, Margaret	Montefiore	281 Park Avenue.
Hall, Alfarata R	Marquette	224 S. Paulina Street.
Hall, Annie R	Moseley	96 Thirtieth Street.
Hall, Emogene E. B	Skinner	93 Laflin Street.
Hamm, Lizzie T. C	Scammon	536 W. Jackson Street.
Hanna, Roberta W	Elizabeth Street	227 S. Lincoln Street.
Hannan, Anna G	Throop	264 Henry Street.
Hannan, Kate	Hayes	1026 W. Monroe Street.
Hannan, Mary	King	1026 W. Monroe Street.
Hannan, Mary F	Throop	264 Henry Street.
Hanning, Mary C. F	Kinzie	227 Park Avenue.
Hansen, Dagmar	Wallace Street	3553 Prairie Avenue.
Hanstein, Hermann	Sp. T. Drawing H. S.	361 Mohawk Street.
Hanton, Katie A	Headley	83 Racine Avenue.
Hardick, Nellie	King	145 S. Western Avenue.
Hardinge, Agnes M	LaSalle	720 Wells Street.
Hargrove, Rachel A	Pickard	227 Moore Street.
Harkin, Mary A	Armour Street	658 W. Ohio Street.
Harkness, Jennie W	Skinner	708 W. Adams Street.
Harland, Eva A	Newberry	563 Webster Avenue
Harnett, Nellie E	Ward	12 Ray Street.
Harphan, Edward L	South Division High	321 W. Monroe Street.
Hartigan, Mary S. L	Washington	444 W. Huron Street.
Hartmann, Hattie C	Kinzie	350 State Street.
Hartney, Lizzie L	Franklin	595 LaSalle Avenue.
Harvey, Letitia M	Brown	44 S. Ann Street.
Hatch, Celia P	Ward	2013 Indiana Avenue.
Hathaway, Etta A	Irving	28 Lexington Street.
Havenhill, Victorine	Raymond	3743 Forest Avenue.
Haverkamp, Antonie	Franklin	139 Oak Street.
Hawley, Lillie N. E. S	Throop	516 W. Congress Street.
Hawthorne, Ella J	Wentworth Avenue	122 Twentieth Street.
Hayes, Maria A	Walsh	730 Throop Street.
Hayes, Mary E	Wells	434 W. Ohio Street.
Hayes, Sarah	Throop	110 Rebecca Street.
Hayward, Harriet F	Clarke	129 S. Peoria Street.
Hayward, Laura	Haven	129 S. Peoria Street.
Hayward, Susan M	Clarke	129 S. Peoria Street.

NAME.	SCHOOL.	RESIDENCE.
Hazard, Florence P.	Raymond	3158 Wabash Avenue.
Heath, Emma J.	Burr	Winnetka, Ill.
Heath, George W.	Ogden	Winnetka, Ill.
Hegan, Eugenia	Wentworth Avenue	218 Twenty-ninth Street.
Hegan, Theo. L.	Cottage Grove	218 Twenty-ninth Street.
Heidenheimer, Clara	LaSalle	695 N. Park Avenue.
Heinroth, Luella	Calumet Avenue	216 Twenty-ninth Street.
Henderson, Nellie F.	Newberry	663 Sedgwick Street.
Hennigan, Mary A.	Franklin	27 E. Erie Street.
Henning, Mary D.	W. Fourteenth Street	138 Barber Street.
Henrickson, Carrie J.	Division & Cleaver St.	423 W. Indiana Street.
Heron, Kate M.	Wells	592 W. Erie Street.
Heuermann, Emma J. A.	Newberry	120½ Clybourn Avenue.
Heuermann, Minna	Headley	120½ Clybourn Avenue.
Hewson, Mary F. B.	Keith	3033 Dearborn Street.
Heywood, Frank S.	Lincoln	708 Fullerton Avenue.
Hibbard, M. Belle	Vedder Street	245 LaSalle Avenue.
Hickey, Maggie M.	Brighton	3089 Lyman Street.
Hicks, David F.	West Division High	1034 W. Monroe Street.
Hiestand, Addie E.	Jefferson	749 W. Harrison Street.
Hiestand, Emily L.	Clarke	749 W. Harrison Street.
Higbee, Mary E.	Franklin	301 Illinois Street.
Higby, Cara E.	West Division High	185 S. Sangamon Street.
Higgins, Jennie	Wells	349 N. Paulina Street.
Hilliard, Fredrica A.	Wells	382 Fulton Street.
Hint, Minna	Raymond	593 N. Clark Street.
Hise, Sue C.	Raymond	3222 Indiana Avenue.
Hitt, Margaret C.	Irving	2 Campbell Park.
Hoerber, Ida L. R.	W. Fourteenth Street	663 S. Ashland Avenue.
Hoffman, Helen B.	Cottage Grove	3817 Johnson Place.
Hogan, Alice A.	Throop	21 Winthrop Place.
Hogan, Joanna E.	Sheldon	73 Hill Street.
Hohmann, Lizzie	Foster	1122 Fulton Street.
Holden, Kate L.	Brown	174 Warren Avenue.
Holligan, Mary E.	W. Fourteenth Street	203 Maxwell Street.
Holmes, Anna M.	von Humboldt	691 Seymour Avenue.
Holmes, Dena L.	LaSalle	62 Wisconsin Street.
Holmes, Mary L.	Elizabeth Street	925 W. Harrison Street.
Homan, Carrie	Longfellow	167 W. Polk Street.
Hooke, Emma	Newberry	305 Webster Avenue.
Hopkins, Josephine L.	Moseley	2813 Calumet Avenue.
Horlock, S. Annie	Sheridan	1613 Dearborn Street.
Hornby, J. Anna G.	Scammon	18 N. Throop Street.
Howe, Julia C.	Emerson	119 N. Ashland Avenue.
Howe, Lydia	Scammon	215 S. Peoria Street.
Howland, Grace	Ogden	379 Chestnut Street.

NAME.	SCHOOL.	RESIDENCE.
Hubbel, Anna L	Hayes	1055 Wilcox Avenue.
Hudson, Alice E	Oakley	873 Park Avenue.
Hudson, Isabelle E	Central Park	873 Park Avenue.
Hughes, Frances M	Armour Street	354 W. Huron Street.
Huguenin, Edith	Keith	531 LaSalle Avenue.
Huguenin, Virginia	Franklin	531 LaSalle Avenue.
Hull, Laura E	King	451 S. Leavitt Street.
Hull, Lizzie	LaSalle	Lake View.
Hundt, Anna E	Kinzie	184 LaSalle Avenue.
Hunt, Ellen A	Newberry	35 Wisconsin Street.
Hurd, Frances C	Jefferson	932 W. Harrison Street
Hurley, Mary L	La Salle	345 N. Franklin Street.
Hyland, Mary	Division & Cleaver St.	280 W. Ohio Street.
Ingalls, Lillian	Armour Street	613 Hubbard Street.
Ingersoll, Maud E	Keith	3158 Forest Avenue.
Ingram, Nellie C	Jefferson	1034 W. Adams Street.
Isham, Emma A	Elizabeth Street	165 Warren Avenue.
Isham, Fannie M	Elizabeth Street	165 Warren Avenue.
Jacobs, G. Ovedia	Motley	170 N. Morgan Street.
Jaeger, Ida	Oak Street	278 Ohio Street.
James, Margarette G	Moseley	311 Thirtieth Street.
Jameson, Alice W	W. Fourteenth Street.	281 W. Adams Street.
Jampolis, Amelia	Vedder Street	392 Larrabee Street.
Jeneson, Frances S	Brown	Maywood, Ill.
Jeneson, Minnie E	Wells	Maywood, Ill.
Jennings, Agatha A	Walsh	361 Center Avenue.
Jennings, Belle T	Irving	277 S. Hoyne Avenue.
Jennings, M. Imogene	Longfellow	145 Aberdeen Street.
Jenson, Mina D	Newberry	486 Webster Avenue.
Jephson, Mary F	Sheridan	2849 Butler Street.
Johns, Sophie C	Marquette	756 W. Jackson Street.
Johnson, Anna	Webster	2839 Vernon Avenue.
Johnson, Calla S	King	1031 W. VanBuren Street.
Johnson, Cecilia	Sheridan	2839 Vernon Avenue.
Johnson, Eleanor B	Douglas	53 E. Thirty-ninth Street.
Johnson, Eliza A	W. Jackson Street	267 Campbell Avenue.
Johnson, Hattie A	Carpenter	297 Hermitage Avenue.
Johnson, Lena F	Cottage Grove	28 E. Thirty-eighth Street.
Johnson, Lorena M	Ogden	426 Oak Street.
Johnson, Sarah B	Pearson Street	361 Dayton Street.
Johnston, Harriet P	Cottage Grove	1205 E. Forty-third Street.
Johnston, Lucia	Jefferson	472 W. Adams Street.
Johnston, Mary F	Holden	Dexter Av. nr. Ashland Av.
Jones, Claude M	Skinner	254 W. Congress Street.

NAME.	SCHOOL.	RESIDENCE.
Jones, Della L.	Skinner	134 Park Avenue.
Jones, Mary E.	West Division High	145 S. Ashland Avenue.
Jones, Mary J.	Skinner	254 W. Congress Street.
Jones, Winifred E.	Dore	254 W. Congress Street.
Josephi, Katie	Ward	139 Twenty-sixth Street.
Joy, Isabel T.	Franklin	228 Sedgwick Street.
Joyce, Emily L.	W. Fourteenth Street	120 Henry Street.
Joyce, Libbie	Lincoln	412 Center Street.
Jüssen, Marie	LaSalle	1045 N. Clark Street.
Justi, Lizzie	Burr	196 N. Center Avenue.
Kalisky, Lena	W. Jackson Street	462 W. Randolph St.
Kambli, Minna	Franklin	63 Goethe Street.
Kane, Maggie A.	Brighton	1528 Thirty-fifth Street.
Kavanagh, Mary T.	Wentworth Avenue	240 Sherman Street.
Kearsley, Sarah J. B.	Brenan	2834 Main Street.
Kellogg, H. Amelia	Douglas	37 Oak Avenue.
Kellogg, Minnie P. F.	Wentworth Avenue	3144 Indiana Avenue.
Kelly, Lizzie A.	Brenan	2724 Hickory Street.
Kelly, Maria A.	Dore	456 W. Adams Street.
Kelly, Mary E.	Holden	2957 Deering Street.
Kelly, Theresa	Polk Street	219 Laflin Street.
Kelwig, Anna C.	Central Park	76 Sedgwick Street.
Kennedy, Lizzie M.	Skinner	697 Washington Boulev'd.
Kenny, Annie D.	Franklin	298 E. Superior Street.
Kerrigan, Annie J.	Holden	N. E. cor. 36th & Gage Sts.
Kessell, Mary E.	W. Fourteenth Street	259 W. Fourteenth Street.
Kewley, Ida M. G.	Douglas	193 Thirty-second Street.
Kilie, Annie	Polk Street	69 Ewing Street.
Kilie, Nell	Foster	69 Ewing Street.
Kilroy, Cecelia E.	Sheldon	133 E. Superior Street.
Kimball, Ida A.	Holden	3025 Cottage Grove Ave.
King, Annie E.	Brighton	3232 Paulina Street
King, Fanny J.	Hayes	277 Park Avenue.
King, Isabella	Moseley	2827 Wabash Avenue.
Kingsley, Mary A.	Brown	120 S. Ashland Avenue.
Kirk, Alfred	Moseley	2312 Wabash Avenue.
Kirk, Lizzie	Moseley	2312 Wabash Avenue.
Kirkeby, Dora H.	Washington	100 Park Street.
Kirkley, Sarah A.	Montefiore	6 Union Park Place.
Kissell, Mary L.	Moseley	2413 Prairie Avenue.
Klein, Lena	Polk Street	386 S. Morgan Street.
Knight, Julia H.	Walsh	373 W. Monroe Street.
Knudson, Ida L.	Burr	6 W. Ohio Street.
Knudson, Jennie C.	Wicker Park	6 W. Ohio Street.
Koehle, Mary T.	Arnold	395 Dayton Street.

NAME.	SCHOOL.	RESIDENCE.
Körper, Margaret A.	Lincoln	1329 Lill Avenue, L. V.
Kollmorgen, Louise F.	Foster	488 S. Union Street.
Krigger, Lillie F.	Motley	883 Fulton Street.
Kreamer, Minerva H.	Kinzie	92 N. Wells Street.
Krißler, Agnes	Moseley	2025½ Groveland Avenue.
Kroeber, Louisa	Headley	47 S. Franklin Street.
Kyle, M. Eugenia	Armour Street	409 W. Indiana Street.
Laing, Hattie E.	Marquette	610 W. VanBuren Street.
Lakay, Antonia	Oakley and Hayes	381 Wells Street.
La Lande, Mary	Garfield	209 Maxwell Street.
Lamb, Charlotte A.	LaSalle	3 Burton Place.
Lamb, Grace A.	Kinzie	62 Wisconsin Street.
Lamb, Ida L.	Headley	231 Sheffield Avenue.
La Monte, Margaret R.	Calumet Avenue	3138 S. Park Avenue.
Lane, Abbie E.	Douglas	2925 Wabash Avenue.
Lang, Clara A. L.	Vedder Street	299 E. Chicago Avenue.
Lantry, Emma L.	Division & Cleaver St.	713 Wells Street.
Larimore, James W.	North Division High	454 LaSalle Avenue.
Latimer, Julia S.	South Division High	2448 Prairie Avenue.
Law, Mary J.	Douglas	944 E. Thirty-ninth Street.
Leadwith, Ellen	Jones	1824 S. State Street.
Leary, Susan D.	Webster	3138 Butterfield Street.
Ledden, Helen C.	Jefferson	323 Loomis Street.
Ledden, Minnie A.	Clarke	323 Loomis Street.
Lee, Emily	Scammon	394 W. Jackson Street.
Lein, Lillie	Wells	592 W. Huron Street.
Lehnon, Bridget T.	Garfield	2957 Deering Street.
Lester, Julia E. P.	Cottage Grove	3143 Groveland Avenue.
Lester, Helen W.	Jones	282 Idaho Street.
Letz, Emma M.	Carpenter	233 Park Avenue.
Lewis, Rose A.	Longfellow	248 W. Congress Street.
Litka, Louise C.	Huron Street	295 Fulton Street.
Little, Luella V.	Foster	283 W. Adams Street.
Livingston, Christine	Brown	375 Winchester Avenue.
Livingston, Mary E.	Brown	375 Winchester Avenue.
Lloyd, Emma	Montefiore	326 Fulton Street.
Lloyd, Sara M.	Pickard	529 Oakley Avenue.
Locke, Hannah B.	Skinner	451 W. Jackson Street.
Lonergan, Clara	Jefferson	250 Laflin Street.
Lonergan, Maggie T.	Throop	250 Laflin Street.
Long, Florence	Dore	42 Ogden Avenue.
Loomis, John H.	Wells	11 Bishop Court.
Lord, Gertrude V.	Scammon	91 Laflin Street.
Lord, Mary L.	West Division High	605 W. Congress Street.
Loudon, Martha J.	Jones	3701 Langley Avenue.

NAME.	SCHOOL.	RESIDENCE.
Lovejoy, Carrie L.	Third Avenue	257 Dearborn Avenue.
Lovelace, Sophronia A.	Scammon	320 Fulton Street.
Lowe, Mary	Washington	97 N. Center Avenue.
Lundegreen, Eliza	Wicker Park	697 N. Robey Street.
Lundegreen, Frances	Wicker Park	697 N. Robey Street.
Lundh, J. Charlotte	Montefiore	459 W. Huron Street.
Lynch, Fannie E.	Oak Street	20 Twomey Street.
Lynch, Mary E.	Wells	14 N. Curtis Street.
Lynde, Annie M.	Huron Street	Waukegan.
Lynn, Delia A. L.	Vedder Street	133 N. Market Street.
MacClintock, Marion L. W.	West Division High	Blue Island, Ill.
MacDonald, Alfonso E.	Wallace Street	59 University Place.
MacDonald, Belle H.	Montefiore	691 Carroll Avenue.
McAllister, Abbie G.	Moseley	Englewood, Ill.
McAuley, Margaret L.	Keith	112 Twenty-second Street.
McBeath, Isabella	Carpenter	402 Washington Boulev'd.
McCabe, Nellie G.	Ward	2552 Butterfield Street.
McCafferty, Mary A. L.	Foster	377 S. Halsted Street.
McCann, Minnie M.	Sheldon	286 E. Illinois Street.
McCarthy, Elizabeth	Raymond	2929 Michigan Av. Boul'd.
McCarthy, Lizzie M.	Franklin	172 Oak Street.
McCarthy, Maggie M.	Wells	164 Augusta Street.
McCarthy, Mary	Lincoln Street	22 Rumsey Street.
McCauley, Ella W.	Lincoln	84 Lincoln Avenue.
McClellan, Emma C.	Lincoln	319 Superior Street.
McClements, Ellen C.	von Humboldt	689 N. Robey Street.
McClements, Mary	von Humboldt	689 N. Robey Street.
McClure, Jessie B.	Elizabeth Street	259 Warren Avenue.
McCoart, Catherine A.	Newberry	373 N. Market Street.
McCollum, Maggie B.	Longfellow	252 W. Thirteenth Street.
McConville, Annie M. B.	Raymond	3134 Butterfield Street.
McConville, M. Josephine	Ward	3134 Butterfield Street.
McConville, Rose F. C.	Raymond	3134 Butterfield Street.
McCorquodale, Anna M. A.	Scammon	163 S. Lincoln Street.
McDermott, Emma A. H.	Jones	1205 State Street.
McDonald, Sarah A.	Wicker Park	485 W. Superior Street.
McDonnell, Frances W.	Vedder Street	256 N. Franklin Street.
McDowell, Jennie N.	Moseley	2358 Dearborn Street.
McElligott, Minnie E.	Holden	2822 Bonfield Street.
McFarland, Grace E.	Throop	439 W. VanBuren Street.
McFarlin, Clara H.	Sheridan	60 Thirty-first Street.
McGarty, Kate B.	Throop	85 S. Jefferson Street.
McGeary, Annie T.	Wicker Park	795 Dickson Street.
McGetrick, Annie M. A.	Pearson Street	59 Whiting Street.
McGillen, Lizzie A.	Arnold	967 N. Halsted Street.

NAME.	SCHOOL.	RESIDENCE.
McGillis, Jessie L. W.	Lincoln	Lake View.
McGinley, Annie T.	Scammon	59 University Place.
McGrath, Mary T.	Keith	467 Thirty-third Street.
McGuire, Theresa L.	Ogden	290 E. Indiana Street.
McHenry, Lula M.	Foster	207 S. Morgan Street.
McHugh, Annie G.	Burr	12 Grace Street.
McIntosh, Lavinia H.	Dore	113 Warren Avenue.
McIntyre, Minnie E.	Lawndale	Hinsdale, Ill.
McKain, M. Nelly	Webster	333 Thirty-fourth Street.
McKay, Francis M.	Washington	134 Warren Avenue.
McKay, Jennie S.	Longfellow	293 Marshfield Avenue.
McKenzie, Jennie	Foster	235 Maxwell Street.
McKenzie, Martha A. H.	Armour Street	917 Fulton Street.
McKeon, Jennie J.	Foster	362 W. Polk Street.
McKeon, Lizzie A.	W. Thirteenth Street	362 W. Polk Street.
McKeon, Margaret	Pearson Street	133 Vedder Street.
McLaren, Belle	Ogden	663 LaSalle Avenue.
McLaughlin, Maggie E.	Wells	144 N. Western Avenue.
McLean, Agnes	Pickard	170 S. Peoria Street.
McLean, Lizzie M.	Pickard	170 S. Peoria Street.
McMahon, Katie E.	Wicker Park	55 S. Green Street.
McMahon, Mary F.	Carpenter	773 W. Chicago Avenue.
McManus, Lizzie L.	Polk Street	447 S. Halsted Street.
McMillen, Marilla A.	Raymond	3524 Vernon Avenue.
McNanley, Alice S.	W. Thirteenth Street	311 W. Thirteenth Street.
Mackey, Nellie	Walsh	291 S. Jefferson Street.
Mackie, Belle G.	Pearson Street	720 Wells Street.
Mackway, Marian	Pearson Street	376 Chicago Avenue.
Madden, Mary E.	Jones	1057 Wilcox Avenue.
Magee, Belle I.	W. Thirteenth Street	601 W. Twelfth Street.
Magee, Marion E.	Jefferson	601 W. Twelfth Street.
Maguire, Jennie C.	Ward	2836 Dearborn Street.
Mahaffy, Frances V.	Clarke	63 W. Eleventh Street.
Mahony, Clara H. P.	Scammon	45 S. Curtis Street.
Mahony, Maggie R.	Sheldon	66 Whiting Street.
Maloney, Kittie E.	Foster	250 Forquer Street.
Maloney, Nellie	Emerson	145 N. Ashland Avenue.
Mann, Elizabeth A.	Central Park	774 Walnut Street.
Mann, Emma D.	Central Park	774 Walnut Street.
Manning, Mary E.	W. Fourteenth Street	9 O'Brien Street.
Marble, Minnie E.	Emerson	625 Washington Boulev'd
Maroney, Mary T.	Wallace Street	1557 Michigan Avenue.
Marsh, Emeline	Kinzie	273 Indiana Street.
Marshall, Mary E.	Jones	417 S. Clark Street.
Martin, Clara T.	Wallace Street	3712 Emerald Avenue.
Martin, Edith A.	Sheldon	278 Oak Street.

NAME.	SCHOOL.	RESIDENCE.
Mason, Anna J	Wallace Street	262 S. Paulina Street.
Mason, Maggie F	Wallace Street	262 S. Paulina Street.
Mason, Mary E	Franklin	172 N. Franklin Street.
Mason, Mary R. E	Dore	15 S. Halsted Street.
Mason, Sarah C	Sheridan	Englewood, Ill.
Mather, Elizabeth E	King	301 Campbell Avenue.
Maxfield, Florence M	Irving	414 S. Leavitt Street.
Mayhew, Ella C	Newberry	134 Seminary Avenue.
Meagher, Maria T	Vedder Street	222 Sedgwick Street.
Mear, Bella M	W. Fourteenth Street	231 S. Morgan Street.
Meckel, Minnie	Third Avenue	1237 State Street.
Mellor, Mary E	Newberry	Winnetka, Ill.
Melody, Helena	Brenan	3139 Prairie Avenue.
Mende, Annie T	Arnold	118 Fremont Street.
Merrick, Caroline H	North Division High	481 LaSalle Avenue.
Merrill, Georgiana W	Pickard	38 Moore Street.
Merriman, Alden N	Hayes	820 W. Monroe Street.
Merriman, Emily S	W. Jackson Street	820 W. Monroe Street.
Methlow, Ida B.	Headley	827 N. Clark Street.
Millard, Lottie A	Lawndale	Millard Avenue Station.
Miller, C. Lucretia	Jefferson	112 Honore Street.
Miller, Fannie S	Motley	270 W. Huron Street.
Miller, Katie T	Kinzie	111 E. Ohio Street.
Miller, Lizzie S	La Salle	451 LaSalle Avenue.
Miller, Mary A	Franklin	111 E. Ohio Street.
Miller, Minnie E	Clarke	41 Norton Street.
Miner, Josephine R	Washington	Oak Park, Ill.
Misch, Pauline	West Division High	214 Schiller Street.
Moakley, Nellie H	La Salle	722 Wells Street.
Moberg, Johanna R	Pickard	342 Parmalee Street.
Mole, Frances E	Moseley	42d St.nr.Drexel Boulevr'd
Montgomery, Blanche D	Huron Street	274 LaSalle Avenue.
Moody, Alice E	Wallace Street	866 Thirty-fourth Street.
Moore, Louise S	Walsh	Englewood, Ill.
Morgan, M. Dora	Oakley	705 Carroll Avenue.
Morgan, Nellie A	Emerson	705 Carroll Avenue.
Morrison, Abbie W	Lincoln	848 Lincoln Avenue, L. V.
Mortimer, Anna M	Franklin	445 Wells Street.
Mouat, Maggie C	Washington	897 Washington Boulev'd.
Moulton, Annie K	Skinner	25 N. Throop Street.
Müller, Adele	Sheridan and Webster	268 Elm Street.
Mueller, C. E. Richard	High Schools	279 E. Indiana Street.
Munroe, Henry F	West Division High	821 W. Jackson Street.
Murchison, Alice M.	Emerson	441 Washington Boulev'd.
Murphey, Anna	Brighton	3301 Ashland Avenue.
Murphy, Anna M	Ward	3160 LaSalle Street.

NAME.	SCHOOL.	RESIDENCE.
Murphy, Ellen A	Vedder Street	278 Sedgwick Street.
Murphy, Julia T	Pearson Street	82 Milton Avenue.
Murphy, Lizzie M	Oak Street	160 LaSalle Avenue.
Murphy, Lizzie W	Washington	476 W. Ohio Street.
Murphy, Terese M	W. Fourteenth Street	31 Nebraska Street.
Murray, Belle M	Division & Cleaver St.	711 Fulton Street.
Murray, Charlotte A	Montefiore	260 N. Franklin Street.
Myers, Sadie E	Emerson	723 Washington Boulev'rd
Myers, Sue B	Polk Street	723 Washington Boulev'rd
Nangle, Annie L	Holden	N. E. cor. 36th & Gage Sts.
Naramore, Ida E	W. Jackson Street	1239 Wilcox Avenue.
Nash, Anna A	Webster	3251 Indiana Avenue.
Nealis, Mary J. L	LaSalle	726 N. Market Street.
Nelson, Clara	Wells	857 Milwaukee Avenue.
Neuschäfer, Emmy	North Division High	369 Mohawk Street.
Newell, Huldah H	Ogden	South Evanston, Ill.
Newton, Jennie S	Lincoln Street	207 Park Avenue.
Nichols, Elmira	Wallace Street	59 University Place.
Niehaus, Henrietta G.	Holden	2407 Indiana Avenue.
Niehaus, Tillie M	Holden	2407 Indiana Avenue.
Nilsson, Anna M	Keith	3652 Dearborn Street.
Nissen, Emma M	Lincoln	167 Schiller Street.
Noll, Augusta E	Throop	573 W. Fourteenth Street.
Nottelmann, Emilie	Wicker Park	596 N. Robey Street.
Nourse, Harriet E	Third Avenue	3848 Dearborn Street.
Noyes, Maria P	W. Jackson Street	385 W. Adams Street.
O'Brien, Bridget F	Throop	192 Mather Street.
O'Brien, Jennie H	Carpenter	19 Walnut Street.
O'Brien, Mary E	Franklin	25 Goethe Street.
O'Brien, Minnie	Carpenter	19 Walnut Street.
O'Connor, Anna M	Brighton	947 Thirty-fourth Street.
O'Connor, Delia M	Brenan	767 N. Park Avenue.
O'Connor, Dora L	Newberry	491 Hurlbut Street.
O'Connor, Florence N	Lincoln	491 Hurlbut Street.
O'Connor, Katie L	Holden	947 Thirty-fourth Street.
O'Connor, Mary A	Brighton	2517 Cologne Street.
O'Connor, Nellie A	Oak Street	127 N. Market Street.
O'Toole, Mary L	Oakley	93 Seymour Street.
Oaknan, Louise R.	Burr	689 N. Robey Street.
Oberlander, Mary C. M	Carpenter	182 N. May Street.
Ohnstein, Regina	Wallace Street	3341 Calumet Avenue.
Okeson, Jennie B	Ward	2821 Indiana Avenue.
Oliver, Fannie E	Division & Cleaver St.	3013 Indiana Avenue.
Olson, Albertina J	Montefiore	114 Walnut Street.

NAME.	SCHOOL.	RESIDENCE.
Olson, Henrietta E	Emerson	114 Walnut Street.
Osborne, Libbie M	Holden	2310 Indiana Avenue.
Osborne, Lillie A	Holden	2310 Indiana Avenue.
Owen, Marie A	Third Avenue	3227 Indiana Avenue.
Page, Hannah E	Irving	88 Flournoy Street.
Page, Laura M	Skinner	32 Ogden Avenue.
Page, Martha E	Burr	739 Dixon Street.
Page, Nellie S	Burr	739 Dixon Street.
Palmer, Fannie E	Sheridan	31 Miller Street.
Palmer, Marietta L	Vedder Street	292 Wells Street.
Parantau, Clementina	Pearson Street	320 Wells Street.
Parantau, Lillie E	Pearson Street	320 Wells Street.
Parelius, Alvilda	Motley	472 W. Huron Street.
Parker, Etha L	Scammon	430 W. Jackson Street.
Parker, Mattie J	Douglas	2817 Indiana Avenue.
Patchel, Sara E	Clarke	228 S. Peoria Street.
Patterson, Ella	Skinner	404 W. Adams Street.
Patterson, Lizzie M	Wicker Park	826 N. Robey Street.
Patterson, Mary	Skinner	404 W. Adams Street.
Paulk, Lillie E	King	411 Idaho Street.
Payne, William M	South Division High	2221 Wabash Avenue.
Peacock, Maggie J	W. Fourteenth Street	272 W. Twelfth Street.
Peck, Hattie P	Marquette	720 W. Monroe Street.
PEEKE, HARRIET O	Lincoln Street	169 Dearborn Avenue.
Peirce, Ella B	Wentworth Avenue	1911 Wabash Avenue.
PENNELL, ELVIRA	Lawndale	1060 Millard Avenue.
Perdue, Avis H	Raymond	3205 Portland Avenue.
Pettibone, Ira W	North Division High	159 Warren Avenue.
Phelps, Lilian	Vedder Street	373 Burling Street.
Phelps, Mary A	Hayes	158 Park Avenue.
Phelps, Sophia A	Central Park	784 Walnut Street.
Philbrick, Margaret E	LaSalle	581 Wells Street.
Pierce, Mary R. J	Douglas	4159 Grand Boulevard.
Pierpoint, Josephine C	Douglas	Englewood, Ill.
Piper, Alice F	Brighton	3521 Bloom Street.
Plunkett, Minnie F	Garfield	149 Noble Street.
Poppelbaum, Louise E	Newberry	1717 Diversy Ave., L. V.
Port, Elsa V	Armour Street	108 Park Avenue.
Porter, Cora	Wicker Park	630 W. Adams Street.
Porter, Ella M	Moseley	2416 Indiana Avenue.
Porter, Helen E	Motley	630 W. Adams Street.
Powell, Cora C	Wells	40 St. John's Place.
Powell, Mary E	Polk Street	310 S. Halsted Street.
Powers, Mary F	Webster	2929 Shields Avenue.
Pratt, Frances A	Jefferson	415 W. Harrison Street.

NAME.	SCHOOL.	RESIDENCE.
Pratt, Harriet S	Ogden	99 Walton Place.
Pratt, Sadie F	Marquette	401 Washington Boulev'd.
Prendergast, Amelia M. A.	Oakley	883 Fulton Street.
Prendergast, Mary C	Oakley	106 Walnut Street.
Price, Mary V. S	Carpenter	105 N. Center Avenue.
Price, Mary W. C	Throop	516 W. Congress Street.
Pride, Phebe	Dore	340 Winchester Avenue.
Proctor, Hannah E	Lincoln	1418 Dunning St., L. V.
Purer, Mary S	Marquette	54 Johnson Street.
Purinton, M. Elizabeth	Lincoln	1225 Lill Avenue, L. V.
Quilty, Kate F	Marquette	542 W. Harrison Street.
Quinlan, Mary C	Wentworth Avenue	1537 Wabash Avenue.
Quinn, Kate A	Brown	220 Marshfield Avenue.
Quinn, Sarah A	Garfield	421 S. Halsted Street.
Quirk, Mary E	Brown	683 Carroll Avenue.
Quirk, Mary J	Oakley	547 Austin Avenue.
Rafferty, Rose E	Motley	446 W. Huron Street.
Ralph, Sarah C	Wallace Street	2849 Deering Street.
Randall, Laura A	Moseley	187 Twenty-second Street.
Runney, Harriet A	Hayes	754 Carroll Avenue.
Redfield, Agnes	Emerson	56 Park Avenue.
Reed, Josephine C	Cottage Grove	4330 Bellevue Avenue.
Reed, Mary L	Foster	Englewood, Ill.
Reed, Pauline M.	Cottage Grove	4330 Bellevue Avenue.
Reid, Annie L	Calumet Avenue	77 Twenty-sixth Street.
Reid, Jennie F	Calumet Avenue	77 Twenty-sixth Street.
Reedy, Katie A	Walsh	Continental Hotel.
Reeves, Nellie L. C	Wentworth Avenue	2534 Wabash Avenue.
Reilly, Julia E	Wells	Austin, Ill.
Reilly, Maggie C	W. Fourteenth Street	395 W. Taylor Street.
Reilly, Rose R	Motley	Austin, Ill.
Renshaw, Esther A	Franklin	58 Goethe Street.
Reynolds, Jennie E	Holden	61 E. Twenty-second St.
Reynolds, Mary A	Huron Street	308 Hudson Avenue.
Ribolla, Charlotte M	Douglas	3243 Butterfield Street.
Rice, Martha J. B	Burr	49 Rawson Street.
Rice, Mary E. S. B	Walsh	222 Marshfield Avenue.
Richardson, Clara M	Walsh	680 W. Madison Street.
Riehl, Lizzie	Webster	Englewood, Ill.
Rieske, Emilie	Pickard	431 S. Leavitt Street.
Riordan, Stella T	Cottage Grove	19 Oak Avenue.
Ritter, Lavinia	King	344 Wells Street.
Roberts, Hannah	Polk Street	343 W. Congress Street.
Robertson, Christine W	Wells	480 W. Huron Street.

NAME.	SCHOOL.	RESIDENCE.
Robinson, Adelia E.	Central Park	10 Artesian Avenue.
Robinson, Albert R.	Dore	Hinsdale, Ill.
Robinson, Nellie H.	Pickard	1240 W. Fifteenth Street.
Roday, Agnes	Douglas	Englewood, Ill.
Roland, Hattie C.	Franklin	17 N. Carl Street.
Rood, Ada C.	Vedder Street	259 Fremont Street.
Root, Helen O.	Douglas	3236 Calumet Avenue.
Rose, Orpha E.	Walsh	174 S. Sangamon Street.
Rosenthal, Julia L.	Pearson Street	176 N. Franklin Street.
Rossler, Claire E. S.	W. Fourteenth Street	23 Pearce Street.
Rothfuss, Phoebe E.	Brenan	1200 Wabash Avenue.
Rourier, Sarah J. I.	Wentworth Avenue	122 Twentieth Street.
Rowland, Frances W.	Polk Street	91 Laflin Street.
Royall, Fanny A.	Pickard	44 Pearce Street.
Royall, Mary E.	Walsh	44 Pearce Street.
Royce, Mary E.	Marquette	159 Warren Avenue.
Ruare, Carrie H.	Third Avenue	Continental Avenue.
Ruggles, Martha M. W.	Huron Street	236 Oak Street.
Russell, E. Leantha	Garfield	336 W. Monroe Street.
Russell, Ellen M.	Foster	794 W. Monroe Street.
Russell, Kate J.	Hayes	794 W. Monroe Street.
Russell, Lizzie M.	Dore	794 W. Monroe Street.
Russell, Marion L.	Pickard	185 S. Morgan Street.
Ruthenberg, Blanca L.	Franklin	243 North Avenue.
Ruthenberg, Olga A.	Vedder Street	243 North Avenue.
Rutherford, Mary E.	Dore	247 S. Peoria Street.
Ryan, Elizabeth A.	Franklin	153 Erie Street.
Ryan, Joanna A.	Huron Street	264 Hurlbut Street.
Ryan, Mary E.	Pickard	341 Hastings Street.
Ryan, Nellie R.	Sheridan	2408 Wabash Avenue.
Ryan, Sarah V.	Kinzie	153 E. Erie Street.
Sabin, Albert R.	Franklin	138 Locust Street.
Sanborn, Janie S.	Skinner	449 W. Congress Street.
Sargent, Nellie H.	W. Jackson Street	1105 W. Jackson Street.
Saure, Lydia	Wallace Street	567 Wabash Avenue.
Sayward, Maria H.	Motley	441 Washington Boulev'd.
Scanlan, Annie C.	Montefiore	583 Fulton Street.
Scanlan, Ellen E.	Newberry	230 E. Chicago Avenue.
Scanlan, Mary J.	Hayes	583 Fulton Street.
Schach, Martha A. C.	Keith	3719 Forest Avenue.
Scheunemann, Martha	Douglas	399 Larrabee Street.
Schiff, Hannah	Franklin	279 Wells Street.
Schilling, Gertrude D.	Ward	3247 Dearborn Street.
Schjoldager, Bertha S.	Washington	468 W. Huron Street.
Schjoldager, Inger M.	Washington	468 W. Huron Street.

NAME.	SCHOOL.	RESIDENCE.
Schlund, Clara J	Oakley	Oak Park, Ill.
Schmidgall, Tillie	Ogden	682 N. Wells Street.
Schoenstedt, Helen C. S.	Clarke	71 Hastings Street.
Schottenfels, Estha	Marquette	721 W. Congress Street.
Schottenfels, Ida M	Foster	721 W. Congress Street.
Schrock, Minnie	Oakley	715½ Washington Boulv'd.
Schroeder, Anna H	Third Avenue	103 Walton Place.
Schröder, Wanda	Brown	40 Carpenter Street.
Scofield, Mary A	Hayes	922 Jackson Street.
Scott, Edna F	Webster	3159 Indiana Avenue.
Scott, Maria	Skinner	337 W. Monroe Street.
Scoville, Kate A	King	300 Warren Avenue.
Scully, Agnes L	Hayes	812 Washington Boulv'd.
Seaman, Carrie B	Cottage Grove	55 Oak Avenue.
Seaman, Georgia A	Cottage Grove	55 Oak Avenue.
Seifert, Johanna E.	Washington	596 Wells Street.
Sergeant, Mary L	Irving	432 W. Adams Street.
Severinghaus, Annie E	Brown	594 W. Jackson Street.
Sevringhaus, Zalia C	Wells	435 N. Ashland Avenue.
Seyer, V. L. M. von H.	Newberry	131 Clybourn Avenue.
Shaffner, Emma	Carpenter	916 W. Lake Street.
Shanley, Jennie F	von Humboldt	588 W. North Avenue.
Shannon, Maggie J. W	Franklin	534 N. Franklin Street.
Schauer, Regina W.	Irving	35 Kendall Street.
Shaver, Ida	Pearson Street	99 Walton Place.
Sheehan, Joanna A. F	Dore	130 W. Harrison Street.
Sheldon, Ella F	Scammon	209 S. Peoria Street.
Sheldon, Ida M	Dore	209 S. Peoria Street.
Shepard, Esther L	Calumet Avenue	187 Twenty-second Street.
Sheridan, Julia M	Kinzie	360 E. Indiana Street.
Sherman, Carrie E	Brown	342 Warren Avenue.
Shirra, Marguerite A	Walsh	17 N. Curtis Street.
Shoemaker, Emma T	Marquette	45 Loomis Street.
Shoemaker, Lizzie I	Clarke	45 Loomis Street.
Shoyer, Miriam I	Armour Street	49 N. Sheldon Street.
Shuman, William C	Kinzie	179 Ontario Street.
Siebert, Ida M	Jones	42 Ogden Avenue.
Simonds, Ella F	Webster	3254 Dearborn Street.
Simpson, Mary A. H	Wallace Street	5143 Wentworth Avenue.
Skelly, Mary E. T	Headley	279 Hudson Avenue.
Skinner, Jeannetta F. G	Wentworth Avenue	3242 Archer Avenue.
Skorazinska, Natalie H	Arnold	104 Jay Street.
Slack, Maria A	Franklin	239 Sedgwick Street.
Slevin, Nellie	Lincoln Street	911 Fulton Street.
Slingluff, Ida M	Newberry	325 Center Street.
Slocum, Jeremiah	South Division High	88 Twenty-sixth Street.

NAME.	SCHOOL.	RESIDENCE.
Smeeth, Helen M	Emerson	531 Washington Boulv'd.
Smeeth, Julia E	Skinner	531 Washington Boulv'd.
Smiddy, Ellen M	Jones	16 Gano Street.
Smith, Caroline	Foster	352 Hermitage Avenue.
Smith, Caroline R	Wallace Street	Englewood, Ill.
Smith, Eliza H	W. Jackson Street	922 W. Jackson Street.
Smith, Elizabeth L	Walsh	414 W. Monroe Street.
Smith, Frances L	Haven	50 Sixteenth Street.
Smith, Fanny R	Cottage Grove	3410 Rhodes Avenue.
Smith, Gertrude M	Cottage Grove	3523 Grand Boulevard.
Smith, Lizzie C	Cottage Grove	3634 Ellis Park.
Smith, Mathilde	North Division High	210 Chestnut Place.
Smith, Lizzie A	Lincoln Street	457 W. Erie Street.
Smith, Mary H	Lincoln Street	457 W. Erie Street.
Sollitt, Alice E	Calumet Avenue	4020 Prairie Avenue.
Sollitt, Fannie M	Calumet Avenue	4020 Prairie Avenue.
Solomon, Minnie W	Kinzie	176 N. State Street.
Southard, Ida	Haven	3255 Rhodes Avenue.
Spiel, Marie	Jefferson	Cr.Park&Wrightwood av.,
Spieler, Annie L	Oak Street	332 Wells Street. [L. V.
Spooner, Mary L	Wentworth Avenue	3545 Michigan Av. Boul'd.
Stafford, Juniata	Huron Street	725 Wells Street.
Stafford, Minnie	Huron Street	725 Wells Street.
Stall, Charlotte C	Wicker Park	87 Emerson Avenue.
Stanley, Florence C	von Humboldt	150 Park Street.
Stapleton, Fannie	Montefiore	153 N. Curtis Street.
Stapley, Fannie E	Wells	33 N. Hoyne Avenue.
Starrett, Kittie	W. Thirteenth Street	240 Laflin Street.
Starrett, Lizzie H	W. Thirteenth Street	240 Laflin Street.
State, Elizabeth A	Scammon	267 W. Monroe Street.
State, Nellie B	Scammon	267 W. Monroe Street.
Stearns, Edward F	South Division High	3508 Ellis Avenue.
Stedman, Marie M	W. Jackson Street	1212 Monroe Street.
Steiger, Bertha	Carpenter	381 Fulton Street.
Stevens, Cora E. W	Cottage Grove	3035 Michigan Av. Boul'd.
Stevens, Emily M. C	Scammon	134 S. Throop Street.
Stevens, Emma	Washington	82 S. Morgan Street.
Stevens, Susie C	Skinner	340 Winchester Avenue.
Stewart, Nannie	Sheldon	623 Dearborn Avenue.
Stimpson, Lora A	North Division High	278 Chestnut Street.
Stone, Carrie R	Oakley	70 N. Ada Street.
Stone, Clara E	Garfield	493 Park Avenue.
Storen, Mary A	Holden	2968 Haines Court.
Storer, Hattie M	Armour Street	317 Austin Avenue.
Stowell, Corydon G	Newberry	459 Dayton Street.
Stowell, Harriet A	South Division High	3400 Rhodes Avenue.

NAME.	SCHOOL.	RESIDENCE.
Strasburg, James M.	North Division High.	1150 N. Halsted St., L. V.
Straughan, Caroline W.	Haven	2340 Prairie Avenue.
Stryker, Ida E.	Hayes	912 W. Monroe Street.
Stuart, Maggie	Clarke	230 Laflin Street.
Sturtevant, Alice	Brown	391 Warren Avenue.
Sullivan, Alice M.	Walsh	Englewood, Ill.
Sullivan, Annie B.	Franklin	297 N. Franklin Street.
Sullivan, Ella C.	Oak Street	512 Hurlbut Street.
Sullivan, Lulie D.	Holden	3126 Vernon Avenue.
Sullivan, Maggie A.	Franklin	297 N. Franklin Street.
Sullivan, M. Minerva	Burr	90 Page Street.
Swarthout, Mary E. F.	Douglas	3202 Forest Avenue.
Swonson, Anna	Montefiore	90 Austin Avenue.
Syme, Edith S.	Wicker Park	51 Lincoln Avenue.
Synon, Emily	Foster	249 Blue Island Avenue.
Talbot, Alice B.	Sheldon	295 Elm Street.
Talbot, Anna	LaSalle	295 Elm Street.
Tallman, Hattie A.	Irving	792 Walnut Street.
Tallman, Marie C.	Brown	792 Walnut Street.
Templeton, Annie H.	Hayes	841 W. Lake Street.
Tenny, Minnie B.	W. Jackson Street	1031 W. VanBuren Street.
Teufel, Josephine	Hayes	269 Walnut Street.
Thayer, Lizzie D.	Motley	338 N. State Street.
Thayer, Mary E.	Moseley	2415 Michigan Av. Boul'd.
Thielepape, Elizabeth F.	Sheridan	697 Wells Street.
Thissell, Alice P.	Pickard	423 W. Monroe Street.
Thomas, Emma T.	Garfield	458 W. Fifteenth Street.
Thomas, Frederica E.	Skinner	114 Park Avenue.
Thompson, Elsie A.	Arnold	279 Hudson Avenue.
Thompson, Mary A.	Clarke	183 S. Morgan Street.
Thorne, Leona L	Cottage Grove	4100 Ellis Avenue.
Tierney, Fannie L.	Moseley	1342 E. Fortieth Street.
Tierney, Julia E.	Moseley	1342 E. Fortieth Street.
Tierney, Laura	Armour Street	442 W. Huron St.
Tilton, Annie M.	Brown	377 Warren Avenue.
Tobey, Abbie E.	Wicker Park	689 N. Robey Street.
Tobey, Mary L.	Newberry	1461 Montana St., L. V.
Tobias, Mary J.	Dore	159 Center Avenue.
Todd, Mary L.	Walsh	393 Randolph Street.
Tomlin, Annie R.	Sheldon	39 Flournoy Street.
Toner, Clara S.	Walsh	2837 Indiana Avenue.
Toner, Ella E.	Jones	2837 Indiana Avenue.
Tonner, Minnie	Hayes	80 N. Western Avenue.
Toohy, Jennie M.	W. Fourteenth Street.	962 Harrison Street.
Toole, Sellie H.	Clarke	23 Winthroop Place.

NAME.	SCHOOL.	RESIDENCE.
Tower, Hattie M.	Marquette	1248 W. Adams Street.
Tracy, Alice T.	Brighton	2929 Lyman Street.
Treleaven, Mary	Hayes	512 Lake Street.
Tremain, Frank E.	Motley	420 W. Jackson Street.
Trimingham, Annie E.	Brown	594 West Jackson Street.
Troyer, Mary E	La Salle	1039 N. Clark Street.
Tustin, Annie M.	Carpenter	710 W. Monroe Street.
Tustin, Elizabeth R.	Emerson	710 W. Monroe Street.
Tuttle, Sarah E.	Sheridan	3013 Indiana Avenue.
Twohig, Mary E. A.	Elizabeth Street	55 N. Ada Street.
Underhill, Volney	Carpenter	296 S. Paulina Street.
Unna, Flora	Oakley	474 W. Randolph Street.
Upson, Emma A.	Haven	87 Thirty-first Street.
Valy, Nena	Burr	456 North Avenue.
Vanarsdale, Ella B.	Skinner	55 S. Ann Street.
VanBergen, Minnie M.	Webster	6744 Wentworth Avenue.
Van der Kolk, Gertie S.	Irving	513 Idaho Street.
Van Meenen, Josephine E.	W. Fourteenth Street	20 S. May Street.
Vanzwoll, A. Henry	Irving	327 Park Avenue.
Visser, Antoinette J.	Longfellow	474 Marshfield Avenue.
Visser, Helen M.	Throop	474 Marshfield Avenue.
Voltz, Minnie	Armour & Marquette	258 W. Division Street.
VonderHöhl, Josephine	Clarke	256 S. Ashland Avenue.
Wadleigh, Grace	Holden	3013 Indiana Avenue.
Waite, Helen M.	Brown	712 W. Adams Street.
Waite, Ida M.	Franklin	1824 Diversy St., L. V.
Waldschmidt, Anna J.	Oakley	161 Center Street.
Walker, Carrie O.	Franklin	391 N. State Street.
Walker, Clara	West Division High	257 S. Robey Street.
Walker, Emilie S.	Brown	142 S. Paulina Street.
Walker, Sarah A. B.	King	987 Wilcox Avenue.
Wallace, Sarah H. S.	La Salle	25 Hammond Street.
Wallenburg, Clara	Wicker Park	7 Samuel Street.
Wallenburg, Ellen V.	Montefiore	7 Samuel Street.
Wallenburg, Emily L.	Wells	7 Samuel Street.
Wallenburg, Laura	Wells	7 Samuel Street.
Walsh, Ellen F.	Burr	258 Augusta Street.
Walsh, Johanna M J.	Burr	881 Elk Grove Street.
Walsh, Katie A. M.	Brighton	3029 Farrell Street.
Walsh, Kate M.	Franklin	1314 Dunning St., L. V.
Walsh, Maggie L.	Brighton	3029 Farrell Street.
Walsh, Mary A.	Montefiore	167 S. Jefferson Street.
Walsh, Mary M. T.	Brenan	3029 Farrell Street.

NAME.	SCHOOL.	RESIDENCE.
Walsh, Nelly E	Garfield	544 S. Jefferson Street.
Walsh, Nelly L	Burr	881 Elk Grove Street.
Walsh, Sarah T	Lincoln Street	682 Fulton Street.
Ward, Annie M	Third Avenue	290 Fifth Avenue.
Warhurst, Lizzie	Wicker Park	294 W. Huron Street.
Warren, Minnie A. C	Lincoln	72 Grant Place.
Watson, Agnes M	Oakley	297 W. Huron Street.
Watson, Lilian F	Throop Street	1280 W. Monroe Street.
Watson, Millie M	W. Thirteenth Street	424½ W. Jackson Street.
Webster, Eva	Motley	15 S. Sheldon Street.
Welch, Mattie T	Montefiore	743 Carroll Avenue.
Weldon, Mary E	Longfellow	276 Marshfield Avenue.
Wellers, Meta	Keith	Hotel Bristol.
WELLES, GEORGE P	West Division High	144 Ashland Avenue.
Werneburg, Ellen M	Walsh	729 S. Halsted Street.
Werneburg, Pauline	Skinner and Clarke	729 S. Halsted Street.
WESTCOTT, OLIVER S	North Division High	Maywood, Ill.
Whalen, Annie M	Ward	1306 Michigan Avenue.
Wheadon, Alice A	Oakley	91½ Warren Avenue.
Whitcomb, Carrie B	Ogden	96 Walton Place.
White, Ella F	Ogden	37 Wisconsin Street.
White, Fannie E	Polk Street	466 W. Jackson Street.
Whitney, Fannie H	Walsh	205 S. Peoria Street.
Whittaker, Anna E	Arnold	376 Garfield Avenue.
Whittemore, Clara E	Vedder Street	10 Vine Street.
Whitty, Mary R	Haven	2945 S. Park Avenue.
Wicker, Juliaett	Brown	71 Park Avenue.
Widmer, Rose A	Dore	112 N. Clark Street.
Wilcox, Marianne S	Haven	294 Thirty-eighth Street.
Willard, Jane	West Division High	15 S. Sheldon Street.
Willard, Ada B	Douglas	Englewood, Ill.
Williams, Ellen E	Foster	87 Aberdeen Street.
Williams, Fannie E	Wentworth Avenue	1236 State Street.
WILLIAMS, FRANK B	Marquette	1355 Mich. Av. Boulev'd.
Williams, Hannah E	Scammon	86 Center Avenue.
Williams, Jane E	Dore	87 Aberdeen Street.
Wills, Louise M	Irving	17 Honore Street.
Willson, Lottie	Division & Cleaver St.	273 W. Huron Street.
Wilson, Frank S	Skinner	211 S. Sangamon Street.
Wilson, Kate	Garfield	103 Johnson Street.
Wiltshire, Annie M	Wentworth Avenue	2025 Butterfield Street.
Winchell, Ann E	North Division High	Norwood Park, Ill.
WINCHELL, HARRIET H.	Elizabeth Street	Norwood Park, Ill.
Wing, Annie E	Foster	743 W. Congress Street.
Winter, Hattie W	Motley	168 Park Avenue.
Winter, Lydia	Walsh	182 Oak Street.

NAME.	SCHOOL.	RESIDENCE.
Wirt, Mary A. W	Skinner	849 W. Congress Street.
Withey, Cora	Division & Cleaver St	444 W. Indiana Street.
Witkowsky, Ernestine	Moseley	3203 Indiana Street.
Wolf, Belle B	Lincoln Street	387 W. Randolph Street.
Wood, Andrew J	Brown	802 W. Monroe Street.
Wood, Hattie M	Carpenter	404 W. Congress Street.
Wood, Silas L	Clarke	804 W. Monroe Street.
Woodard, Emma P	Walsh	11 S. Sheldon Street.
Woodman, Ella F	Wells	668 Superior Street.
Worsfold, Mercie R	Sheridan	Normal Park.
Woods, Margaret E	Armour Street	341 W. Ohio Street.
Woods, Mary A	W. Thirteenth Street	631 W. Fourteenth Street.
Wright, Clara A	King	607 W. Congress Street.
Wright, Louise C	Irving	607 W. Congress Street.
Yates, Frances L	Hayes	348 Walnut Street.
Young, Carrie M	Irving	1024 Monroe Street.
Young, Ella F	Skinner	365 W. Jackson Street.
Young, Emilie M	Franklin	244 Chestnut Street.
Young, Kate S	Marquette	225 S. Morgan Street.
Young, Lizzie M	King	1026 W. Congress Street.
Zimmermann, Gustav A	Sp. T. German	683 Sedgwick Street.
Zobel, Bertha	Wicker Park	52 Mozart Street.
Zollman, Mary J	Sheridan	3106 Shurtleff Avenue.

NAMES OF TEACHERS OMITTED IN THE ABOVE LIST.

Abbe, Carrie E	Emerson	214 S. Leavitt Street.
Cossar, Clara E. L	Emerson	611 Fulton Street.

SCHOOL CENSUS TAKEN MAY, 1884.

SHOWING TOTAL POPULATION OF THE CITY BY WARDS AND BY DIVISIONS OF THE CITY, GIVING NUMBER UNDER 21 AND OVER 21 YEARS OF AGE.

SOUTH DIVISION.

WARDS.	WHITE PERSONS.			COLORED PERSONS.			MONGOLIANS.			TOTAL POPULATION.		
	Under 21 years of age.	Over 21 years of age.	Total.	Under 21 years of age.	Over 21 years of age.	Total.	Under 21 years of age.	Over 21 years of age.	Total.	Under 21 years of age.	Over 21 years of age.	Total of all ages.
First	1633	9608	11241	92	886	978	5	72	77	**1730**	**10566**	**12296**
Second	4369	10790	15159	443	1719	2162	2	25	27	**4814**	**12534**	**17348**
Third	5945	12108	18053	256	688	944	3	5	8	**6204**	**12801**	**19005**
Fourth	12934	21612	34546	395	780	1175	3	14	17	**13332**	**22406**	**35738**
Fifth	31772	33083	64855	103	213	316	0	6	6	**31875**	**33302**	**65177**
TOTAL SOUTH DIVISION	56653	87201	143854	1289	4286	5575	13	122	135	**57955**	**91609**	**149564**

WEST DIVISION.

Sixth	27077	27781	54858	10	6	16	0	2	2	**27087**	**27789**	**54876**
Seventh	22257	23807	46064	18	19	37	0	6	6	**22275**	**23832**	**46107**
Eighth	18151	23061	41212	27	34	61	4	15	19	**18182**	**23110**	**41292**
Ninth	4688	16067	20755	124	298	422	9	39	48	**4821**	**16404**	**21225**
Tenth	5461	12676	18137	50	116	166	3	23	26	**5514**	**12815**	**18329**
Eleventh	8875	17497	26372	42	120	162	0	8	8	**8917**	**17625**	**26542**
Twelfth	13340	22557	35897	50	152	202	0	3	3	**13390**	**22712**	**36102**
Thirteenth	11004	14534	25538	198	342	540	0	0	0	**11202**	**14876**	**26078**
Fourteenth	39975	41308	81283	32	63	95	0	2	2	**40007**	**41373**	**81380**
TOTAL WEST DIVISION	150828	199288	350116	551	1150	1701	16	98	114	**151395**	**200536**	**351931**

NORTH DIVISION.

Fifteenth	18368	21561	39929	8	15	23	2	8	10	**18378**	**21584**	**39962**
Sixteenth	13375	16647	30022	3	18	21	1	6	7	**13379**	**16671**	**30050**
Seventeenth	14044	17139	31183	27	39	66	0	3	3	**14071**	**17181**	**31252**
Eighteenth	7913	19159	27072	18	113	131	2	21	23	**7933**	**19293**	**27226**
TOTAL NORTH DIVISION	53700	74506	128206	56	185	241	5	38	43	**53761**	**74729**	**128490**

TOTAL POPULATION OF CITY OF CHICAGO.

SOUTH DIVISION	56653	87201	143854	1289	4286	5575	13	122	135	**57955**	**91609**	**149564**
WEST DIVISION	150828	199288	350116	551	1150	1701	16	98	114	**151395**	**200536**	**351931**
NORTH DIVISION	53700	74506	128206	56	185	241	5	38	43	**53761**	**74729**	**128490**
TOTAL FOR CITY	261181	360995	622176	1896	5621	7517	34	258	292	**263111**	**366874**	**629985**

SCHOOL CENSUS TAKEN MAY, 1884.

BI-ENNIAL INCREASE IN POPULATION DURING THE LAST DECADE, BY WARDS AND BY DIVISIONS OF THE CITY.

SOUTH DIVISION.

WARDS.	School Census of 1876.		School Census of 1878.		School Census of 1880		School Census of 1882.		School Census of 1884.	
	Total Population.	Increase in two years.	Total Population.	Increase in two years.	Total Population.	Increase in two years.	Total Population.	Increase in two years.	Total Population.	Increase in two years.
First	14180	3625	14972	792	14631	*Loss* 341	11031	*Loss* 3600	12296	1265
Second	16354	1493	16783	429	17905	1122	18479	574	17348	*Loss* 1131
Third	15123	*Loss* 238	15067	*Loss* 56	16683	1616	18490	1807	19005	515
Fourth	21568	1490	24055	2487	27102	3047	30573	3471	35738	5165
Fifth	37543	1627	40239	2696	45711	5472	57069	11358	65177	8108
TOTAL SOUTH DIVISION	104768	7997	111116	6348	122032	10916	135642	13610	149564	13922

WEST DIVISION.

Sixth	31258	*Loss* 464	33942	2684	41163	7221	48612	7449	54876	6264
Seventh	31393	2251	33126	1733	35219	2093	41525	6306	46107	4582
Eighth	31216	*Loss* 438	32893	1677	36045	3152	38849	2804	41292	2443
Ninth	14264	*Loss* 3121	14912	648	18782	3870	20535	1753	21225	690
Tenth	12696	*Loss* 1326	13281	585	13584	303	17803	4219	18329	526
Eleventh	17717	925	18787	1070	21234	2447	25045	3811	26542	1497
Twelfth	19839	1947	23364	3525	27160	3796	31675	4515	36102	4427
Thirteenth	16350	*Loss* 370	17929	1579	20364	2435	23884	3520	26078	2194
Fourteenth	47812	2267	49372	1560	56420	7048	64842	8422	81380	16538
TOTAL WEST DIVISION	232545	1671	237606	15061	269971	32365	312770	42799	351931	39161

NORTH DIVISION

Fifteenth	24076	2154	27406	3330	27498	92	33004	5506	39968	6958
Sixteenth	20520	*Loss* 257	21511	991	23390	1879	25439	2049	30050	4611
Seventeenth	19109	*Loss* 2283	21166	2057	24668	3502	27990	3322	31252	3262
Eighteenth	16643	2971	17926	1283	23957	6031	25848	1891	27226	1378
TOTAL NORTH DIVISION.	80348	2585	88009	7661	99513	11504	112281	12768	128490	16209

RECAPITULATION BY DIVISIONS OF THE CITY.

SOUTH DIVISION	104768	7997	111116	6348	122032	10916	135642	13610	149564	13922
WEST DIVISION	222545	1671	237606	15061	269971	32365	312770	42799	351931	39161
NORTH DIVISION	80348	2585	88009	7661	99513	11504	112181	12768	128490	16209
TOTAL FOR THE CITY...	407661	12253	436731	29070	491516	54785	560693	69177	629985	69292

SCHOOL CENSUS TAKEN MAY, 1884.

SUBDIVISION BY SEXES OF PERSONS OVER 21 YEARS OF AGE.

SOUTH DIVISION.

WARDS.	Total Population.			White Persons.			Colored Persons.			Mongolians.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
First	7423	3143	10566	6646	2962	9608	705	181	886	72	0	72
Second	6916	5618	12534	5966	4824	10790	925	794	1719	25	0	25
Third	6058	6743	12801	5679	6429	12108	374	314	688	5	0	5
Fourth	10537	11869	22406	10124	11488	21612	400	380	780	13	1	14
Fifth	17885	15417	33302	17771	15312	33083	108	105	213	6	0	6
TOTAL SOUTH DIVISION	48819	42790	91609	46186	41015	87201	2512	1774	4286	121	1	122

WEST DIVISION.

Sixth	15198	12591	27789	15192	12589	27781	4	2	6	2	0	2
Seventh	12526	11306	23832	12510	11297	23807	10	9	19	6	0	6
Eighth	11892	11218	23110	11866	11195	23061	14	20	34	12	3	15
Ninth	10329	6075	16404	10146	5921	16067	144	154	298	39	0	39
Tenth	7719	5096	12815	7646	5030	12676	54	62	116	19	4	23
Eleventh	8733	8892	17625	8663	8834	17497	62	58	120	8	0	8
Twelfth	10613	12099	22712	10540	12017	22557	70	82	152	3	0	3
Thirteenth	7426	7450	14876	7265	7269	14534	161	181	342	0	0	0
Fourteenth	21155	20218	41373	21121	20187	41308	32	31	63	2	0	2
TOTAL WEST DIVISION	105591	94945	200536	104949	94339	199288	551	599	1150	91	7	98

NORTH DIVISION.

Fifteenth	10646	10938	21584	10628	10933	21561	10	5	15	8	0	8
Sixteenth	8224	8447	16671	8212	8435	16647	7	11	18	5	1	6
Seventeenth	8991	8190	17181	8968	8171	17139	20	19	39	3	0	3
Eighteenth	10391	8902	19293	10301	8858	19159	69	44	113	21	0	21
TOTAL NORTH DIVISION	38252	36477	74729	38109	36397	74506	106	79	185	37	1	38

TOTAL POPULATION OVER 21 YEARS OF AGE.

SOUTH DIVISION	48819	42790	91609	46186	41015	87201	2512	1774	4286	121	1	122
WEST DIVISION	105591	94945	200536	104949	94339	199288	551	559	1150	91	7	98
NORTH DIVISION	38252	36477	74729	38109	36397	74506	106	79	185	37	1	38
GRAND TOTAL	192662	174212	366874	189244	171751	360995	3169	2452	5621	249	9	258

SCHOOL CENSUS TAKEN MAY, 1884.

Showing Number Attending Private Schools; Number Under 21 Years of Age who have Finished Attending School; Number Under 21 Years of Age who are Obliged to Work; and Number Under 21 Years who can Neither Read nor Write.

SOUTH DIVISION.

Wards.	Number Attending Private Schools.			Number Under 21 Years of Age who have Finished Attending School.			Number Under 21 Yrs. of Age who are Obliged to Work.			No. bet. 12 and 21 years of age who can neither read or write.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
First	52	46	98	80	92	172	122	84	206	1	1	2
Second	157	128	285	152	155	307	208	154	362	18	13	31
Third	335	371	706	242	276	518	270	182	452	5	3	8
Fourth	294	500	794	524	671	1195	319	250	569	8	4	12
Fifth	1950	1933	3883	816	793	1609	1317	884	2201	15	18	33
Total South Division	2788	2978	5766	1814	1987	3801	2236	1554	3790	47	39	86

WEST DIVISION.

Sixth	2159	2089	4248	1018	870	1888	1022	785	1807	16	16	32
Seventh	1639	1619	3258	865	927	1792	957	642	1599	22	13	35
Eighth	1004	1185	2189	604	694	1298	677	517	1194	21	9	30
Ninth	112	113	225	107	145	252	217	139	356	6	2	8
Tenth	106	150	256	138	148	286	309	283	592	7	2	9
Eleventh	217	324	541	288	329	617	381	238	619	9	11	20
Twelfth	228	257	485	518	589	1107	208	144	352	1	3	4
Thirteenth	158	271	429	414	422	836	339	200	539	5	2	7
Fourteenth	2131	1977	4108	996	991	1987	1942	1484	3426	54	28	82
Total West Division	7754	7985	15739	4948	5115	10063	6052	4432	10484	141	86	227

NORTH DIVISION.

Fifteenth	795	828	1623	660	768	1428	380	289	669	1	3	4
Sixteenth	484	548	1032	636	629	1265	441	365	806	11	11	22
Seventeenth	308	374	682	413	400	813	464	315	779	5	3	8
Eighteenth	300	345	645	313	361	674	142	113	255	1	0	1
TOTAL NORTH DIVISION	1887	2095	3982	2022	2158	4180	1427	1082	2509	18	17	35

TOTAL FOR THE CITY.

SOUTH DIVISION	2788	2978	5766	1814	1987	3801	2236	1554	3790	47	39	86
WEST DIVISION	7754	7985	15739	4948	5115	10063	6052	4432	10484	141	86	227
NORTH DIVISION	1887	2095	3982	2022	2158	4180	1427	1082	2509	18	17	35
GRAND TOTAL	12429	13058	25487	8784	9270	18044	9715	7068	16783	206	142	348

SCHOOL CENSUS TAKEN MAY, 1884.

SUBDIVISION BY SEXES OF WHITE PERSONS UNDER 6 YEARS, BETWEEN 6 AND 16 YEARS, AND BETWEEN 16 AND 21 YEARS.

SOUTH DIVISION.

WARDS.	Under 6 Years of Age.			Between 6 and 16 Years of Age.			Between 16 and 21 Years of Age.			Total Under 21 Years of Age.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
First	249	228	477	335	315	650	283	223	506	1633
Second	643	798	1441	961	935	1896	496	536	1032	4369
Third	833	885	1718	1372	1453	2825	572	830	1402	5945
Fourth	1859	2088	3947	2944	3017	5961	1292	1734	3026	12934
Fifth	6181	6201	12382	7490	7212	14702	2382	2306	4688	31772
TOTAL SOUTH DIVISION	9765	10200	19965	13102	12932	26034	5025	5629	10654	56653

WEST DIVISION.

Sixth	5565	5743	11308	6186	5856	12042	1981	1746	3727	27077
Seventh	3943	4154	8097	5267	5055	10322	1901	1937	3838	22257
Eighth	2836	3020	5856	4128	4121	8249	1958	2068	4046	18151
Ninth	743	816	1564	972	1039	2011	592	521	1113	4688
Tenth	940	996	1936	1322	1228	2550	469	506	975	5461
Eleventh	1440	1450	2890	1881	2053	3934	916	1135	2051	8875
Twelfth	2125	2092	4217	3020	3136	6156	1295	1672	2967	13340
Thirteenth	1849	1885	3734	2552	2596	5148	1056	1066	2122	11004
Fourteenth	7417	7457	14874	9616	9328	18944	3228	2929	6157	39975
TOTAL WEST DIVISION	26863	27613	54476	34944	34412	69356	13396	13600	26996	150828

NORTH DIVISION.

Fifteenth	3369	3399	6768	4228	4176	8404	1459	1737	3196	18368
Sixteenth	2174	2232	4406	3261	3374	6635	1060	1274	2334	13375
Seventeenth	2403	2619	5022	3136	3089	6225	1381	1416	2797	14044
Eighteenth	1062	1379	2441	1659	1771	3430	855	1187	2042	7913
TOTAL NORTH DIVISION	9008	9629	18637	12284	12410	24694	4755	5614	10369	53700

TOTAL WHITE POPULATION OF THE CITY

UNDER 21 YEARS OF AGE.

SOUTH DIVISION	9765	10200	19965	13102	12932	26034	5025	5629	10654	56653
WEST DIVISION	26863	27613	54476	34944	34412	69356	13396	13600	26996	150828
NORTH DIVISION	9008	9629	18637	12284	12410	24694	4755	5614	10369	53700
TOTAL FOR THE CITY	45636	47442	93078	60330	59754	120084	23176	24843	48019	261181

SCHOOL CENSUS TAKEN MAY, 1884.

SUBDIVISION BY SEXES OF COLORED PERSONS UNDER 6 YEARS; BETWEEN 6 AND 16 YEARS, AND BETWEEN 16 AND 21 YEARS.

SOUTH DIVISION.

	COLORED PERSONS.											
	Under 6 years of Age.			Between 6 and 16 years.			Between 16 and 21 years.			Total Number under 21 yrs.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
First	12	7	19	17	17	34	23	16	39	52	40	92
Second	66	97	163	68	108	176	41	63	104	175	268	443
Third	40	41	81	58	61	119	27	29	56	125	131	256
Fourth	83	77	160	69	96	165	29	41	70	181	214	395
Fifth	29	23	52	18	22	40	7	4	11	54	49	103
Total South Division	230	245	475	230	304	534	127	153	280	587	702	1289

WEST DIVISION.

Sixth	0	1	1	4	4	8	1	0	1	5	5	10
Seventh	6	2	8	3	3	6	3	1	4	12	6	18
Eighth	4	2	6	3	7	10	7	4	11	14	13	27
Ninth	13	23	36	39	31	70	8	10	18	60	64	124
Tenth	8	8	16	7	16	23	6	5	11	21	29	50
Eleventh	2	7	9	12	14	26	5	2	7	19	23	42
Twelfth	12	12	24	6	18	24	2	0	2	20	30	50
Thirteenth	18	24	42	61	45	106	27	23	50	106	92	198
Fourteenth	7	4	11	10	10	20	0	1	1	17	15	32
Total West Division	70	83	153	145	148	293	59	46	105	274	277	551

NORTH DIVISION.

Fifteenth	1	1	2	1	4	5	1	0	1	3	5	8
Sixteenth	2	0	2	0	0	0	0	1	1	2	1	3
Seventeenth	3	4	7	4	11	15	2	3	5	9	18	27
Eighteenth	1	2	3	3	2	5	5	5	10	9	9	18
Total North Division	7	7	14	8	17	25	8	9	17	23	33	56

TOTAL COLORED.

South Division	230	245	475	230	304	534	127	153	280	587	702	1289
West Division	70	83	153	145	148	293	59	46	105	274	277	551
North Division	7	7	14	8	17	25	8	9	17	23	33	56
Total City	307	335	642	383	469	852	194	208	402	884	1012	1896

POPULATION OF THE CITY.

FROM ITS INCORPORATION IN 1837, TO MAY, 1884.

Mayor.	Year.	Census Taken by.	Population.
William B. Ogden	July, 1837,	City	4,170
Alexander Lloyd	July, 1840,	United States,	4,479
Augustus Garrett	July, 1843,	City,	7,580
Augustus Garrett	July, 1845,	State,	12,088
John P. Chapin	Sept., 1846,	City,	14,169
James Curtiss	Oct. 1847,	City,	16,859
James H. Woodworth	Sept., 1848,	City,	20,023
James H. Woodworth	Aug., 1849,	City,	23,047
James Curtiss	Aug., 1850,	United States,	29,963
Charles M. Gray	Dec., 1853,	City,	59,130
Levi D. Boone	June, 1855,	State,	80,000
Thomas Dwyer	Aug., 1856,	City.	84,113
John Wentworth	Aug., 1860,	United States,	109,206
Francis C. Sherman	Oct., 1862,	City,	138,186
Francis C. Sherman	Oct., 1864,	City,	169,353
John B. Rice	Oct., 1865,	State,	178,492
John B. Rice	Oct., 1866,	City,	200,418
John B. Rice	Oct., 1868,	City	252,054
Roswell B. Mason	Aug., 1870,	United States,	306,605
Joseph Medill	Oct., 1872,	City,	367,396
Harvey D. Colvin	Oct., 1874,	City	395,408
Monroe Heath	Oct., 1876,	City,	407,661
Monroe Heath	Oct., 1878,	City,	436,731
Carter H. Harrison	June, 1880,	City,	491,516
Carter H. Harrison	June, 1882,	City,	560,693
Carter H. Harrison	May, 1884,	City,	629,985

POPULATION OF THE CITY BY DIVISIONS.

FROM DECEMBER, 1853, TO MAY 1884.

Year.	South Division.	West Division.	North Division.	Total. Population.
December, 1853	26,592	14 679	17,859	59,130
August, 1856	30,339	28,250	25,524	84,113
October, 1862	45,470	57,193	35,523	138,186
October, 1864	56,955	73,475	38,923	169,353
October, 1866	58,755	90,739	50,924	200,418
October, 1868	71,073	118,435	62,546	252,054
August, 1870	86,471	149,780	70,354	306,605
October, 1872	88,496	214, 44	64,556	367,396
October, 1874	96,771	220,874	77,763	395,408
October, 1876	104,768	222,545	80,348	407,661
October, 1878	111,116	237,606	88,009	436,731
June, 1880	122,032	269,971	99,513	491,516
June, 1882	135,648	312,687	112,358	560,693
May, 1884	149,564	351,931	128,490	629,985

VALUATION OF REAL ESTATE AND OF PERSONAL PROPERTY, AND AMOUNT OF TAXES LEVIED FROM 1837 TO 1883.

Year.	Value of Real Estate.	Value of Personal Prop'y.	Total Valuation.	Tax Levy.
1837	$ 236,842 00	$ ---------	$ 236,842 00	$ 5,905 15
1838	235,996 00	---------	235,996 00	8,849 86
1839	94,803 00	---------	94,803 00	4,664 55
1840	94,437 00	---------	94,437 00	4,721 85
1841	127,024 00	39,720 00	166,744 00	10,004 67
1842	108,757 00	42,585 00	151,342 00	9,181 27
1843	962,221 00	479,093 00	1,441,314 00	8,647 89
1844	1,992,085 00	771,186 00	2,763,281 00	17,166 24
1845	2,273,171 00	791,851 00	3,065,022 00	11,077 58
1846	3,664,425 00	857,231 00	4,521,656 00	15,825 80
1847	4,995,466 00	853,704 00	5,849,170 00	18,159 01
1848	4,998,266 00	1,302,174 00	6,300,440 00	22,051 54
1849	5,181,637 00	1,495,047 00	6,676,684 00	30,045 09
1850	5,685,965 00	1,534,284 00	7,220,249 00	25,270 87
1851	6,804,262 00	1,758,455 00	8,562,717 00	63,385 87
1852	8,190,769 00	2,272,645 00	10,463,414 00	76,948 96
1853	13,130,677 00	3,711,154 00	16,841,831 00	135,662 68
1854	18,990,744 00	5,401,495 00	24,392,239 00	199,081 64
1855	21,637,500 00	5,355,393 00	26,992,893 00	206,209 03
1856	25,892,308 00	5,843,776 00	31,736,084 00	396,652 39
1857	29,307,628 00	7,027,653 00	36,335,281 00	572,046 00
1858	30,175,325 00	5,816,407 00	35,991,732 00	430,190 00
1859	30,732,313 00	5,821,067 00	36,553,380 00	513,614 00
1860	31,198,135 00	5,855,377 00	37,053,512 00	373,315 29
1861	31,314,749 00	5,037,631 00	36,352,380 00	559,968 00
1862	31,587,545 00	5,552,300 00	37,139,845 00	564,038 06
1863	35,143,252 00	7,524,072 00	42,667,324 00	853,346 00
1864	37,148,023 00	11,584,759 00	48,732,782 00	974,655 64
1865	44,065,499 00	20,644,678 00	64,710,177 00	1,294,183 50
1866	66,495,116 00	29,458,134 00	85,953,250 00	1,719,064 05
1867	141,445,920 00	53,580,924 00	195,026,844 00	2,518,472 00
1868	174,490,660 00	55,756,340 00	230,247,000 00	3,223,457 80
1869	211,371,240 00	54,653,640 00	266,024,880 00	3,990,373 20
1870	223,643,600 00	52,342,950 00	275,986,550 00	4,139,798 70
1871	236,898,650 00	52,847,820 00	289,746,470 00	2,897,464 70
1872	239,154,890 00	45,042,540 00	284,197,430 00	4,262,961 45
1873	262,969,820 00	49,103,175 00	312,072,995 00	5,617,313 91
1874	258,549,310 00	45,155,830 00	303,705,140 00	5,466,692 54
1875	125,468,605 00	48,295,641 00	173,764,246 00	5,108,981 40
1876	128,832,403 00	39,165,654 00	167,998,157 00	4,046,805 80
1877	116,082,533 00	32,317,615 00	148,400,148 00	4,013,410 44
1878	104,420,053 00	27,563,386 00	131,983,439 00	3,777,757 23
1879	91,152,229 00	26,517,806 00	117,970,035 00	3,776,450 79
1880	89,032,038 00	28,101,688 00	117,133,726 00	3,899,126 98
1881	90,099,045 00	29,053,743 00	119,152,288 00	4,136,608 38
1882	95,881,714 00	29,479,022 00	125,360,736 00	4,227,402 98
1883	101,596,795 00	31,616,893 00	133,213,688 00	4,540,506 13

The valuation since 1875 is the Equalized Valuation fixed by the State Board of Equalization. From 1867 to 1875 the valuation was made by the City for the City Tax. The valuation of Railroad Property is included in the Value of Personal Property.

BOUNDARIES

OF

SCHOOL DISTRICTS,

MARCH 31, 1885.

GRAMMAR SCHOOL DISTRICTS.

ARMOUR STREET SCHOOL.

Southeast corner of Armour and Ohio Streets.

Beginning on West Huron Street at Noble Street, thence west on West Huron Street to North Wood Street; south on North Wood Street to West Kinzie Street; east on West Kinzie Street to Elizabeth Street; north on Elizabeth Street to West Indiana Street; west on West Indiana Street to Noble Street; and North on Noble Street to place of beginning.

Primary Pupils in this District residing west of Paulina Street attend the *Lincoln Street School.*

Primary Pupils in this District residing north of Erie Street and east of Ashland Avenue attend the *Motley School.*

BROWN SCHOOL.

Warren Avenue, between Page and Wood Streets.

Beginning on West Kinzie Street at Elizabeth Street, thence west on West Kinzie Street to Sheldon Street; south on Sheldon Street to West Randolph Street; west on West Randolph Street to Bryan Place; northwest on Bryan Place to West Lake Street; west on West Lake Street to Hoyne Avenue; south on Hoyne Avenue to West Adams Street; east on West Adams Street to Loomis Street; north on Loomis and Sheldon Streets to Washington Boulevard; east on Washington Boulevard to Elizabeth Street; and north on Elizabeth Street to the place of beginning.

Primary Pupils in this District residing east of Sheldon Street attend the *Elizabeth Street School.*

BURR SCHOOL.

Southwest corner of Ashland and Waubansia Avenues.

Beginning on Robey Street at the North Branch of the Chicago River, thence south on North Robey Street to Milwaukee Avenue; southeast on

Milwaukee Avenue to North Paulina Street; north on North Paulina Street to Black Hawk Street; east on Black Hawk Street to the North Branch of the Chicago River; and northwest on the North Branch of the Chicago River to North Robey Street.

CARPENTER SCHOOL.

Southwest corner of North Center Avenue and West Huron Street.

Beginning at the corner of North May and Augusta Streets, thence west on Augusta Street to North Center Avenue; south on North Center Avenue to Fry Street; west on Fry Street to Noble Street; south on Noble Street to West Indiana Street; east on West Indiana Street to North May Street; and north on North May Street to the place of beginning.

Primary Pupils in this District residing north of Chicago Avenue, and also primary pupils residing between Chicago Avenue and Huron Streets, and west of Keith Street, attend the *Motley School.*

CENTRAL PARK SCHOOL.

Southeast corner of Walnut Street and Kedzie Avenue.

Beginning at the corner of Rockwell and West Kinzie Streets, thence west on West Kinzie Street to California Avenue; north on California Avenue to West Chicago Avenue; west on West Chicago Avenue to Crawford Avenue; south on Crawford Avenue to Colorado Avenue; northeast on Colorado Avenue to Sacramento Avenue; north on Sacramento Avenue to Washington Boulevard; east on Washington Boulevard to Francisco Street; north on Francisco Street to West Lake Street; east on West Lake Street to Rockwell Street; and north on Rockwell Street to the place of beginning.

CLARKE SCHOOL.

South Ashland Avenue, between West Thirteenth and Hastings Streets.

Beginning on Thirteenth Place at Center Avenue, thence west on Thirteenth Place to Ashland Avenue; north on Ashland Avenue to West Twelfth Street; west on West Twelfth Street to Oakley Avenue; south on Oakley Avenue to the C. B. & Q. R. R. tracks; east on C. B. & Q. R. R. to Center Avenue; and north on Center Avenue to the place of beginning.

Primary Pupils in this District residing between Ashland Avenue and Loomis Street, and north of Hastings Street, attend the *Jefferson School.*

Primary Pupils in this District residing east of Loomis Street attend the *West Thirteenth Street School.*

COTTAGE GROVE SCHOOL.

Douglas Avenue, between Cottage Grove and Stanton Avenues.

Commencing on Thirty-third Street at Lake Michigan, thence west on Thirty-third Street to South Park Avenue; south on South Park Avenue to Thirty-fourth Street; west on Thirty-fourth Street to Forest Avenue; south on Forest Avenue to Egan Avenue (39th Street); east on Egan Avenue to Lake Michigan; and north on Lake Michigan to the place of beginning.

DORE SCHOOL.

West Harrison Street, between South Halsted and South Desplaines Streets.

Commencing on West Jackson Street at the South Branch of the Chicago River, thence west on West Jackson Street to South Sangamon Street; south on South Sangamon Street to West Congress Street; west on West Congress Street to South Morgan Street; south on South Morgan Street to West Harrison Street; west on West Harrison Street to Aberdeen Street; south on Aberdeen Street to West Taylor Street; east on West Taylor Street to the South Branch of the Chicago River; and north on the South Branch of the Chicago River to the place of beginning.

Primary Pupils in this District residing south of Mather Street on the east side of Halsted Street, and south of Polk Street on the west side of Halsted Street, attend the *Polk Street School.*

DOUGLAS SCHOOL.

Southeast corner of Thirty-second Street and Forest Avenue.

Beginning on Twenty-ninth Street at Lake Michigan, thence west on Twenty-ninth Street to Wabash Avenue; south on Wabash Avenue to Douglas Avenue (including both sides of Wabash Avenue between Twenty-ninth and Thirty-third Streets); east on Douglas Avenue to Indiana Avenue; north on Indiana Avenue to Thirty-fourth Street; east on Thirty-fourth Street to South Park Avenue; north on South Park Avenue to Thirty-third Street; east on Thirty-third Street to Lake Michigan; and north on Lake Michigan to the place of beginning.

Primary Pupils in this District residing north of Thirtieth Street and east of Prairie Avenue attend the *Calumet Avenue School.*

EMERSON SCHOOL.

Northwest corner of Walnut and Paulina Streets.

Beginning on West Kinzie Street at Sheldon Street, thence west on West Kinzie Street to Robey Street; south on Robey Street to West Lake Street; east on West Lake Street to Bryan Place; southeast on Bryan Place to West Randolph Street; east on West Randolph Street to Sheldon Street; and north on Sheldon Street to the place of beginning.

FOSTER SCHOOL.

South Union Street, between O'Brien and Dussold Streets.

Beginning on West Taylor Street at the River, thence west on West Taylor Street to Aberdeen Street; south on Aberdeen Street to Thirteenth Place; west on Thirteenth Place to Center Avenue; south on Center Avenue to the C. B. & Q. R. R. tracks; thence east on C. B. & Q. R. R. to the South Branch of the Chicago River; thence north on the South Branch of the Chicago River to the place of beginning.

Primary Pupils in this District residing north of DeKoven Street, and east of Halsted Street, attend the *Polk Street School.*

Primary Pupils in this District residing south of Maxwell Street and east of Halsted Street, attend the *West Fourteenth Street School.*

Primary Pupils in this District residing south of Taylor Street, between Halsted and Morgan Streets; south of Maxwell Street, between Morgan and Waller Streets; and south of West Fourteenth Street, between Waller Street and Blue Island Avenue, attend the *Garfield School.*

Primary Pupils in this District residing north of Fourteenth Street, between Centre Avenue and Waller Street, and north of Maxwell Street, between Waller and Morgan Streets, attend the *West Thirteenth Street School.*

FRANKLIN SCHOOL.

Northeast corner of Division and Sedgwick Streets.

Beginning on Schiller Street at Wells Street, thence west on Wells Street to Sedgwick Street; north on Sedgwick Street to Blackhawk Street; west on Blackhawk Street to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to Whiting Street extended to the River; east on extension of Whiting Street and Whiting Street to Wells Street; and north on Wells Street to the place of beginning.

Primary Pupils in this District residing east of Larrabee Street and north of Haines and Elm Streets attend the *Vedder Street School.*

Primary Pupils in this District residing south of Black Hawk and Elm Streets, west of Sedgwick Street, and south of Wendell Street, east of Sedgwick Street, attend the *Oak Street School.*

HAVEN SCHOOL.

Wabash Avenue, between Fourteenth Street and C. B. & Q. R. R. Tracks.

Beginning on Harmon Court extended at Lake Michigan, thence west on Harmon Court to State Street; south on State Street to Twelfth Street; west on Twelfth Street to the South Branch of the Chicago River; thence south on the South Branch of the Chicago River to Stewart Avenue; thence south on Stewart Avenue to Twenty-first Street; thence east on Twenty-first Street to Lake Michigan; thence north on Lake Michigan to the place of beginning.

Primary Pupils in this District residing north of the C. B. & Q. R. R. Tracks, and west of State Street, including both sides of State Street, attend the *Third Avenue School.*

Primary Pupils in this District residing south of the C. B. & Q. R. R. Tracks, and west of Dearborn Street, attend the *Wentworth Avenue School.*

HAYES SCHOOL.

Leavitt Street, between Walnut and Fulton Streets

Beginning on West Kinzie Street at Robey Street, thence west on West Kinzie Street to Rockwell Street; south on Rockwell Street to West Madison Street; east on West Madison Street to South Western Avenue; south on South Western Avenue to West Adams Street; east on West Adams

Street to Hoyne Avenue; north on Hoyne Avenue to West Lake Street; east on West Lake Street to North Robey Street; and north on North Robey Street to the place of beginning.

HEADLEY SCHOOL.

Northeast corner of Lewis Street and Garfield Avenue.

Beginning on Fullerton Avenue at Sheffield Avenue, thence west on Fullerton Avenue to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to North Avenue; east on North Avenue to Fremont Street extended; north on Fremont Street to Center Street; east on Center Street to North Halsted Street; and north on North Halsted Street to Webster Avenue; west on Webster Avenue to Sheffield Avenue, and north on Sheffield Street to the place of beginning.

Primary Pupils in this District residing east of Sheffield Avenue and north of Willow Street, attend the *Arnold School.*

HOLDEN SCHOOL.

Southeast corner of Deering and Thirty-first Streets.

Beginning on the South Branch of the Chicago River at Quarry Street, thence southwest on the South Branch of the Chicago River to the Illinois and Michigan Canal, and following the Illinois and Michigan Canal to Western Avenue; south on Western Avenue to Egan Avenue (39th Street); east on Egan Avenue to the East Branch of the South Branch of the Chicago River; north on the East Branch of the South Branch of the Chicago River to Douglas Avenue; east on Douglas Avenue to Laurel Street; north on Laurel Street to Thirty-fourth Street; east on Thirty-fourth Street to South Halsted Street; north on South Halsted Street to Twenty-ninth Street; west on Twenty-ninth Street to Stearns Street; northeast on Stearns Street to Quarry Street; and northwest on Quarry Street to the place of beginning.

All pupils in this District, *except* those belonging to the Seventh and Eighth Grades, residing west of the East Branch of the South Branch of the Chicago River attend the *Brighton School.*

Primary Pupils in this District residing east of Farrell Street, and Farrell Street extended so as to strike No. 2600 Cologne Street, between the River and Lyman Street; and east of Main Street between Lyman and Thirty-first Streets attend the *Brenan School.*

IRVING SCHOOL.

Lexington Street, between South Hoyne Avenue and South Leavitt Streets.

Beginning on West Jackson Street at South Robey Street, thence west on West Jackson Street to South Oakley Avenue; south on South Oakley Avenue to Lexington Street; west on Lexington Street to South Western Avenue; south on South Western Avenue to West Twelfth Street; east on West Twelfth Street to South Lincoln Street; north on South Lincoln

Street to West Polk Street; west on West Polk Street to South Robey Street; and north on South Robey Street to the place of beginning.

JACKSON STREET SCHOOL, WEST.

West Jackson Street, between California Avenue and Francisco Street.

Beginning on West Lake Street at Rockwell Street, thence west on West Lake Street to Francisco Street; south on Francisco Street to Washington Boulevard; west on Washington Boulevard to Sacramento Avenue; south on Sacramento Avenue to Colorado Avenue; southwest on Colorado Avenue to Crawford Avenue; south on Crawford Avenue to West Twelfth Street; east on West Twelfth Street to Rockwell Street; and north on Rockwell Street to the place of beginning.

JEFFERSON SCHOOL.

Northwest corner of Nebraska and Laflin Streets.

Beginning on Gurley Street at Aberdeen Street, thence west on Gurley Street to Center Avenue; south on Center Avenue to Macalister Place; west on Macalister Place to Loomis Street; north on Loomis Street to West Harrison Street; west on West Harrison Street to South Ashland Avenue; south on South Ashland Avenue to West Polk Street; west on West Polk Street to South Lincoln Street; south on South Lincoln Street to West Twelfth Street; east on West Twelfth Street to South Ashland Avenue; south on South Ashland Avenue to Thirteenth Place; east on Thirteenth Place to Aberdeen Street; and north on Aberdeen Street to the place of beginning.

Primary Pupils of the Clarke School District residing north of Hastings Street, between Ashland Avenue and Loomis Street also attend the Jefferson School.

Primary Pupils of this District residing between Thirteenth Place and West Twelfth Street west of Throop Street, and between Thirteenth Place and West Taylor Street, east of Throop Street, attend the *West Thirteenth Street School.*

JONES SCHOOL.

Southeast corner of Third Avenue and Harrison Street.

Beginning on the Chicago River at Lake Michigan, thence west on the Main River to the South Branch of the River, south on the South Branch of the Chicago River to Twelfth Street; east on Twelfth Street to State Street; north on State Street to Harmon Court; east on Harmon Court to Lake Michigan; and north on Lake Michigan to the place of beginning.

Primary Pupils in this District residing south of Polk Street and west of State Street, including both sides of the Street, attend the *Third Avenue School.*

KEITH SCHOOL.

Southwest corner of Dearborn and Thirty-fourth Streets.

Beginning on Twenty-ninth Street at the centre of the block between Wabash Avenue and State Street, thence west on Twenty-ninth Street to

Clark Street; south on Clark Street to Douglas Avenue; east on Douglas Avenue to Wabash Avenue; north on Wabash Avenue to Thirty-third Street; west on Thirty-third Street to center of block between Wabash Avenue and State Street; and north, mid-way between Wabash Avenue and State Street, to the place of beginning.

KING SCHOOL.

West Harrison, between South Western Avenue and Campbell Avenue.

Beginning on West Adams Street at Hoyne Avenue, thence west on West Adams Street to South Western Avenue; north on South Western Avenue to West Madison Street; west on West Madison Street to Rockwell Street; south on Rockwell Street to West Twelfth Street; west on West Twelfth Street to California Avenue; south on California Avenue to the C., B. & Q. R. R. Tracks; northeast on the C., B. & Q. R. R. to South Oakley Avenue; north on South Oakley Avenue to West Twelfth Street; west on West Twelfth Street to South Western Avenue; north on South Western Avenue to Lexington Street; east on Lexington Street to South Oakley Avenue; north on South Oakley Avenue to West Jackson Street; east on West Jackson Street to South Hoyne Avenue; and north on South Hoyne Avenue to the place of beginning.

KINZIE SCHOOL.

Northwest corner of Ohio Street and La Salle Avenue.

Beginning on Superior Street at North Clark Street, thence west on Superior Street to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to the Main River; east on the Main River to Lake Michigan; north on Lake Michigan to Indiana Street; west on Indiana Street to North Clark Street; and north on North Clark Street to the place of beginning.

Primary Pupils in this District residing north of Ontario Street, east of Wells Street, and also those residing west of Wells Street between Superior Street and the Main River, attend the *Huron Street School.*

LA SALLE SCHOOL.

Northwest corner of Hammond and Eugenie Streets.

Beginning on Center Street at Lake Michigan, thence west on Center Street to Hudson Avenue; south on Hudson Avenue to Blackhawk Street; east on Blackhawk Street to Sedgwick Street; south on Sedgwick Street to Schiller Street; east on Schiller Street to Lake Michigan; and northeast on Lake Michigan to the place of beginning.

Primary Pupils in this District residing south of North Avenue and east of La Salle Street, attend the *Sheldon School.*

LAWNDALE SCHOOL.

Southwest corner of Central Park Avenue and Twenty-fifth Street.

Beginning on West Twelfth Street at California Avenue, thence west on West Twelfth Street to Crawford Avenue; south on Crawford Avenue to

the Illinois and Michigan Canal; northwest on the Illinois and Michigan Canal to California Avenue; and north on California Avenue to the place of beginning.

LINCOLN SCHOOL.

Larrabee Street, between Belden and Fullerton Avenues.

Beginning on Fullerton Avenue at Lake Michigan, thence west on Fullerton Avenue to Sheffield Avenue; south on Sheffield Avenue to Webster Avenue; east on Webster Avenue to North Halsted Street; south on North Halsted Street to Center Street; east on Center Street to Larrabee Street; south on Larrabee Street to Wisconsin Street; east on Wisconsin Street to Hudson Avenue; north on Hudson Avenue to Center Street; east on Center Street to Lake Michigan; and northwest on Lake Michigan to the place of beginning.

Primary Pupils in this District residing south of Webster Avenue and west of Larrabee Street, attend the *Arnold School.*

MARQUETTE SCHOOL.

Southwest corner of Wood and Congress Streets.

Beginning on West Adams Street at Loomis Street, thence west on West Adams Street to South Hoyne Avenue; south on South Hoyne Avenue to West Jackson Street; east on West Jackson Street to South Robey Street; south on South Robey Street to West Polk Street; east on West Polk Street to South Ashland Avenue; north on South Ashland Avenue to West Harrison Street; east on West Harrison Street to Loomis Street; and north on Loomis Street to the place of beginning.

MOSELEY SCHOOL.

Northwest corner of Michigan Avenue Boulevard and Twenty-fourth Street.

Beginning on Twenty-first Street at Lake Michigan, thence west on Twenty-first Street to Stewart Avenue; south on Stewart Avenue to Twenty-second Street; east on Twenty-second Street to Wentworth Avenue; south on Wentworth Avenue to Twenty-fifth Street; east on Twenty-fifth Street to Clark Street; south on Clark Street to Twenty-ninth Street; east on Twenty-ninth Street to Lake Michigan; and northwest on Lake Michigan to the place of beginning.

Primary Pupils in this District residing north of Twenty-fourth Street, and east of Dearborn Street, attend the *Wentworth Avenue School.*

Primary Pupils in this District residing south of Twenty-fourth Street and west of Clark Street, attend the *Ward School.*

Primary Pupils in this District residing east of Indiana Avenue between Twenty-fourth and Twenty-sixth Streets, and east of a line running midway between Wabash and Michigan Avenues between Twenty-sixth and Twenty-ninth Streets, attend the *Calumet Avenue School.*

NEWBERRY SCHOOL.

Northwest corner of Willow and Orchard Streets.

Beginning on Center Street at Larrabee Street, thence west on Center Street to Fremont Street; south on Fremont Street and extension of Fremont Street to North Avenue; west on North Avenue to the North Branch of the Chicago River; south on the North Branch of the Chicago River to Blackhawk Street; east on Blackhawk Street to Hudson Avenue; north on Hudson Avenue to Wisconsin Street; west on Wisconsin Street to Larrabee Street; and north on Larrabee Street to the place of beginning.

Primary Pupils in this District residing north of Wisconsin Street east of Halsted Street, and north of Willow Street west of Halsted Street, attend the *Arnold School.*

OAKLEY SCHOOL.

Southeast corner of North Oakley Avenue and West Ohio Street.

Beginning on West Division Street at North Wood Street, thence west on West Division Street to North Western Avenue; south on North Western Avenue to Augusta Street; west on Augusta Street to Crawford Avenue; south on Crawford Avenue to Chicago Avenue; east on Chicago Avenue to North California Avenue; south on North California Avenue to West Kinzie Street; east on West Kinzie Street to North Wood Street; and north on North Wood Street to the place of beginning.

Primary Pupils in this District residing east of North Hoyne Avenue and south of West Chicago Avenue, attend the *Lincoln Street School.*

OGDEN SCHOOL.

Chestnut Street, between Dearborn Avenue and North State Street.

Beginning on Schiller Street at Lake Michigan, thence west on Schiller Street to Wells Street; south on Wells Street to Whiting Street; west on Whiting Street and Whiting Street extended to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to Superior Street; east on Superior Street to North Clark Street; south on North Clark Street to Indiana Street; east on Indiana Street to Lake Michigan; and north on Lake Michigan to the place of beginning.

Primary Pupils in this District residing north of Delaware Place and east of La Salle Street, attend the *Sheldon School.*

Primary Pupils in this District residing west of Wells Street, including both sides of Wells Street, attend the *Pearson Street School.*

PICKARD SCHOOL.

Southwest corner of Hinman Street and South Oakley Avenue.

Beginning on the C. B. & Q. R. R. at South Ashland Avenue, thence west and southwest on C. B. & Q. R. R. to California Avenue; south on California Avenue to the Illinois and Michigan Canal; northeast on the Illinois and Michigan Canal to South Ashland Avenue; and north on South Ashland Avenue to the place of beginning.

RAYMOND SCHOOL.

Wabash Avenue, between Eda and Prentiss Streets.

Beginning on Thirty-fourth Street at Forest Avenue, thence west on Thirty-fourth Street to Indiana Avenue; south on Indiana Avenue to Douglas Avenue; west on Douglas Avenue to Clark Street; south on Clark Street to Egan Avenue (39th Street); east on Egan Avenue to Forest Avenue; and north on Forest Avenue to the place of beginning.

SCAMMON SCHOOL.

West Monroe Street, between South Halsted and South Desplaines Streets.

Beginning on West Kinzie Street at the North Branch of the Chicago River, thence west on West Kinzie Street to North Peoria Street; south on North Peoria Street and South Peoria Street to West Jackson Street; east on West Jackson Street to the South Branch of the Chicago River; and north on the South and North Branches of the Chicago River to the place of beginning.

SHERIDAN SCHOOL.

Southeast corner of Twenty-seventh and Wallace Streets.

Beginning on the South Branch of the Chicago River at Stewart Avenue, thence southwest on the South Branch of the Chicago River to Quarry Street; southeast on Quarry Street to Stearns Street; southwest on Stearns Street to Twenty-ninth Street; east on Twenty-ninth Street to South Halsted Street; south on South Halsted Street to Thirtieth Street; east on Thirtieth Street to Clark Street; north on Clark Street to Twenty-fifth Street; west on Twenty-fifth Street to Wentworth Avenue; north on Wentworth Avenue to Twenty-second Street; west on Twenty-second Street to Stewart Avenue; and north on Stewart Avenue to the place of beginning.

Primary Pupils in this District residing east of Stewart Avenue and north of Twenty-fourth Street, attend the *Wentworth Avenue School.*

Primary Pupils in this District residing east of Stewart Avenue and south of Twenty-fourth Street, attend the *Ward School.*

Primary Pupils in this District residing west of Ogden Slip north of McGregor Street, and west of Sanger Street and Lowe Avenue between McGregor and Thirtieth Streets, attend the *Brenan School.*

SKINNER SCHOOL.

Northeast corner of Jackson and Aberdeen Streets.

Beginning on West Kinzie Street at North Peoria Street, thence west on West Kinzie to North Elizabeth Street; south on North Elizabeth and South Elizabeth Streets to Washington Boulevard; west on Washington Boulevard to Sheldon Street; south on Sheldon and Loomis Streets to Macalister Place; east on Macalister Place to Centre Avenue; north on Centre Avenue to Gurley Street; east on Gurley Street to Aberdeen Street; north on Aberdeen Street to West Harrison Street; east on West Harrison

Street to South Morgan Street; north on South Morgan Street to West Congress Street; east on West Congress Street to South Sangamon Street; north on South Sangamon Street to West Jackson Street; east on West Jackson Street to South Peoria Street; and north on South Peoria and North Peoria Streets to the Place of beginning.

Primary Pupils in this District residing north of Washington Boulevard between Peoria and May Streets, and north of West Madison Street between May and Sheldon Streets, attend the *Elizabeth Street School.*

THROOP SCHOOL.

Throop Street, between Eighteenth and Nineteenth Streets.

Beginning on the C. B. & Q. R. R. at Morgan Street, thence west on the C. B. & Q. R. R. to South Ashland Avenue; south on South Ashland Avenue to the South Branch of the Chicago River; northeast on the South Branch of the Chicago River to South Morgan Street; and north on South Morgan Street to the place of beginning.

Primary Pupils in this District residing south of West Eighteenth Street between South Morgan Street and South Center Avenue, and south of West Nineteenth Street between South Center Avenue and South Ashland Avenue, attend the *Longfellow School.*

VON HUMBOLDT SCHOOL.

Northwest corner of North Rockwell and Hirsch Streets.

Beginning on West North Avenue at North Western Avenue, thence west on West North Avenue to Crawford Avenue; south on Crawford Avenue to Augusta Street; east on Augusta Street to North Western Avenue; and north on North Western Avenue to the place of beginning.

WALLACE STREET SCHOOL.

Southeast corner of Wallace Street and Douglas Avenue.

Beginning on Thirtieth Street at Stewart Avenue, thence west on Thirtieth Street to South Halsted Street; south on South Halsted Street to Thirty-fourth Street; west on Thirty-fourth Street to Laurel Street; south on Laurel Street to Douglas Avenue; west on Douglas Avenue to the East Branch of the South Branch of the Chicago River; thence south on the East Branch of the South Branch of the Chicago River to Egan Avenue (39th Street); east on Egan Avenue to Stewart Avenue; and north on Stewart Avenue to the place of beginning.

Primary Pupils in this District residing north of Thirty-first Street and west of Lowe Avenue, attend the *Brenan School.*

WALSH SCHOOL.

Southeast corner of West Twentieth and Johnson Streets.

Beginning on the C. B. & Q. R. R. at the South Branch of the Chicago River, thence west on the C. B. & Q. R. R. to South Morgan Street; south

on South Morgan Street to the South Branch of the Chicago River; and northeast on the South Branch of the Chicago River to the place of beginning.

WASHINGTON SCHOOL.

North Morgan Street, between West Erie and West Ohio Streets.

Beginning on North May Street at the North Branch of the Chicago River, thence south on North May Street to West Indiana Street; west on West Indiana Street to North Elizabeth Street; south on North Elizabeth Street to West Kinzie Street; east on West Kinzie Street to the North Branch of the Chicago River; and northwest on the North Branch of the Chicago River to the place of beginning.

Primary Pupils in this District residing east of South Halsted Street and north of Chicago Avenue, east of North Morgan Street between Chicago Avenue and West Indiana Street, and east of North May Street between West Indiana and West Kinzie Streets, attend the *Montefiore School.*

WEBSTER SCHOOL.

Southeast corner of Wentworth Avenue and Thirty-third Street.

Beginning on Thirtieth Street at Clark Street, thence west on Thirtieth Street to Stewart Avenue; south on Stewart Avenue to Egan Avenue (39th Street); east on Egan Avenue to Clark Street; and north on Clark Street to the place of beginning.

WELLS SCHOOL.

Northwest corner of North Ashland Avenue and Cornelia Street.

Beginning on West Blackhawk Street at the North Branch of the Chicago River, thence west on West Blackhawk Street to North Paulina Street; south on North Paulina Street to Milwaukee Avenue; northwest on Milwaukee Avenue to Ellen Street; southwest and west on Ellen Street to North Wood Street; south on North Wood Street to West Huron Street; east on West Huron Street to Noble Street; north on Noble Street to Fry Street; east on Fry Street to North Center Avenue; north on North Center Avenue to Augusta Street; east on Augusta Street to the North Branch of the Chicago River; and north on the North Branch of the Chicago River to the place of beginning.

Primary Pupils in this District residing east of North Paulina Street between West Blackhawk Street and Ellen Street, east of North Wood Street between Ellen Street and Jane Street, and east of Milwaukee Avenue from Jane Street to Augusta Street attend the *Division and Cleaver Street School.*

Primary Pupils in this District residing south of Augusta Street and east of Noble Street; south of Cornell Street between Noble and Holt Streets; and south of Chicago Avenue and east of Ashland Avenue, attend the *Motley School.*

Primary Pupils in this District residing west of Paulina Street, and south of Chicago Avenue, attend the *Lincoln Street School.*

WICKER PARK SCHOOL.

Evergreen Avenue, between North Robey Street and North Hoyne Avenue.

Beginning on North Western Avenue at the North Branch of the Chicago River, thence south on North Western Avenue to West Division Street; east on West Division Street to North Wood Street; north on North Wood Street to Ellen Street; east and northeast on Ellen Street to Milwaukee Avenue; northwest on Milwaukee Avenue to North Robey Street; and north on North Robey Street to the place of beginning.

PRIMARY SCHOOL DISTRICTS.

ARNOLD SCHOOL.

Northeast corner of Burling and Center Streets.

Beginning on Center Street at Hudson Avenue, thence west on Center Street to Larrabee Street; north on Larrabee Street to Webster Avenue; west on Webster Avenue to Sheffield Avenue; south on Sheffield Avenue to Willow Street; east on Willow Street to North Halsted Street; north on North Halsted Street to Wisconsin Street; east on Wisconsin Street to Hudson Avenue; and north on Hudson Avenue to the place of beginning.

BRENAN SCHOOL.

Lime Street, between Archer Avenue and Twenty-seventh Street.

Beginning on the South Branch of the Chicago River at Ogden Slip, thence southwest on the South Branch of the Chicago River to a point opposite No. 2600 Cologne Street; southeast in a line from No. 2600 Cologne Street to termination of Farrell Street; southeast on Farrell Street to Lyman Street; northeast on Lyman Street to Main Street; southeast on Main Street to Thirty-first Street; east on Thirty-first Street to Lowe Avenue; north on Lowe Avenue to Twenty-sixth Street; west on Twenty-sixth Street to Sanger Street; northwest on Sanger Street to McGregor Street; east on McGregor Street to Ogden Slip; and northwest on Ogden Slip to the place of beginning.

BRIGHTON SCHOOL.

Southeast corner of Douglas Avenue and South Lincoln Street.

Beginning on the Illinois and Michigan Canal at the East Branch of the South Branch of the Chicago River, thence southwest on the Illinois and Michigan Canal to South Western Avenue; south on South Western Avenue to Egan Avenue (39th Street); east on Egan Avenue to the East Branch of the South Branch of the Chicago River; and north on the East Branch of the South Branch of the Chicago River to the place of beginning.

Pupils of the Fifth and Sixth Grades are permitted to remain at this school.

CALUMET AVENUE SCHOOL.

Calumet Avenue, between Twenty-sixth and Twenty-ninth Streets.

Beginning on Twenty-fourth Street at Lake Michigan, thence west on Twenty-fourth Street to Indiana Avenue; south on Indiana Avenue to Twenty-sixth Street; west on Twenty-sixth Street to a point midway between Wabash and Michigan Avenues; south on a line midway between Wabash and Michigan Avenues to Twenty-ninth Street; east on Twenty-ninth Street to Prairie Avenue; south on Prairie Avenue to Thirtieth Street; east on Thirtieth Street to Lake Michigan; and northwest on Lake Michigan to the place of beginning.

DIVISION AND CLEAVER STREET SCHOOL.

Southwest corner of Division and Cleaver Streets.

Beginning on West Blackhawk Street at the North Branch of the Chicago River, thence west on West Blackhawk Street to North Paulina Street; south on North Paulina Street to Milwaukee Avenue; northwest on Milwaukee Avenue to Ellen Street; southeast and west on Ellen Street to North Wood Street; south on North Wood Street to Jane Street; east on Jane Street to Milwaukee Avenue; southeast on Milwaukee Avenue to Augusta Street; east on Augusta Street to the North Branch of the Chicago River; and northwest on the North Branch of the Chicago River to the place of beginning.

ELIZABETH STREET SCHOOL.

Northeast corner of West Lake and North Elizabeth Streets.

Beginning on West Kinzie Street at North Peoria Street, thence west on West Kinzie Street to Sheldon Street; south on Sheldon Street to West Madison Street; east on West Madison Street to South May Street; north on South May Street to Washington Boulevard; east on Washington Boulevard to South Peoria Street; and north on South and North Peoria Streets to the place of beginning.

FOURTEENTH STREET SCHOOL, WEST.

West Fourteenth Street, between Union and Desplaines Streets.

Beginning on Maxwell Street at the South Branch of the Chicago River, thence west on Maxwell Street to South Halsted Street; south on South Halsted Street to the C., B. & Q. R. R.; east on the C., B. & Q. R. R. to the South Branch of the Chicago River; northeast on the South Branch of the Chicago River to the place of beginning.

GARFIELD SCHOOL.

Northeast corner of Johnson and Wright Streets.

Beginning on West Taylor Street at South Halsted Street, thence west on West Taylor Street to South Morgan Street; south on South Morgan Street to Maxwell Street; west on Maxwell Street to Waller Street; south

on Waller Street to West Fourteenth Street; west on West Fourteenth Street to Blue Island Avenue; southwest on Blue Island to the C., B. & Q. R. R.; east on the C., B. & Q. R. R. to South Halsted Street; and north on South Halsted Street to the place of beginning.

HURON STREET SCHOOL.

Southwest corner of Huron and Franklin Streets.

Beginning on Superior Street at North Clark Street, thence west on Superior Street to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to the Main River; east on the Main River to Wells Street; north on Wells Street to Ontario Street; east on Ontario Street to North Clark Street; and north on North Clark Street to the place of beginning.

LINCOLN STREET SCHOOL.

Northeast corner of West Ohio and North Lincoln Streets.

Beginning on West Chicago Avenue at North Paulina Street, thence west on West Chicago Avenue to North Hoyne Avenue; south on North Hoyne Avenue to West Kinzie Street; east on West Kinzie Street to North Paulina Street; and north on North Paulina Street to the place of beginning.

LONGFELLOW SCHOOL.

Northeast corner of Throop and West Twentieth Streets.

Beginning on West Eighteenth Street at South Morgan Street, thence west on West Eighteenth Street to South Center Avenue; south on South Center Avenue to West Nineteenth Street; west on West Nineteenth Street to South Ashland Avenue; south on South Ashland Avenue to the South Branch of the Chicago River; east on the South Branch of the Chicago River to South Morgan Street; and north on South Morgan Street to the place of beginning.

MONTEFIORE SCHOOL.

Southeast corner of North Sangamon and West Indiana Streets.

Beginning on North Halsted Street at the North Branch of the Chicago River, thence south on North Halsted Street to West Chicago Avenue; west on West Chicago Avenue to North Morgan Street; south on North Morgan Street to West Indiana Street; west on West Indiana Street to North May Street; south on North May Street to West Kinzie Street; east on West Kinzie Street to the North Branch of the Chicago River; and northwest on the North Branch of the Chicago River to the place of beginning.

MOTLEY SCHOOL.

Snell Street, between Chicago Avenue and West Huron Street.

Beginning on Augusta Street at North May Street, thence west on Augusta Street to Noble Street; south on Noble Street to Cornell Street;

west on Cornell Street to Holt Street; south on Holt Street to West Chicago Avenue; west on West Chicago Avenue to North Ashland Avenue; south on North Ashland Avenue to West Erie Street; east on West Erie Street to Noble Street; north on Noble Street to West Huron Street; east on West Huron Street to Keith Street; north on Keith Street to West Chicago Avenue; east on West Chicago Avenue to North May Street; and north on North May Street to the place of beginning.

OAK STREET SCHOOL.

Northeast corner of Oak Street and Milton Avenue.

Beginning on Wendell Street at Wells Street, thence west on Wendell Street to Sedgwick Street; north on Sedgwick Street to Elm Street; west on Elm Street to Haines Street; southwest on Haines Street to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to extension of Whiting Street to the North Branch; east on Whiting Street extended and Whiting Street to Wells Street; and north on Wells Street to the place of beginning.

PEARSON STREET SCHOOL.

Southeast corner Pearson and North Market Streets,

Beginning on Whiting Street at Wells Street, thence west on Whiting Street and Whiting Street extended to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to Superior Street; east on Superior Street to Wells Street; north on Wells Street (including both sides of the street) to the place of beginning.

POLK STREET SCHOOL.

West Polk Street, between South Halsted and South Desplaines Streets.

Beginning on Mather Street at the South Branch of the Chicago River, thence west on Mather Street to South Halsted Street; south on South Halsted Street to West Polk Street; west on West Polk Street to Aberdeen Street; south on Aberdeen Street to West Taylor Street; east on West Taylor Street to South Halsted Street; south on South Halsted Street to DeKoven Street; east on DeKoven Street to the South Branch of the Chicago River; and northwest on the South Branch of the Chicago River to the place of beginning.

SHELDON SCHOOL.

Southwest corner of North State and Elm Streets.

Beginning on North Avenue at Lake Michigan, thence West on North Avenue to La Salle Avenue; south on La Salle Avenue to Locust Street; east on Locust Street and Delaware Place to Lake Michigan; and northwest on Lake Michigan to the place of beginning.

THIRD AVENUE SCHOOL.

Southwest corner of Third Avenue and Twelfth Street.

Beginning on Polk Street at State Street, thence west on Polk Street to the South Branch of the Chicago River; south on the South Branch of the Chicago River to the C., B. & Q. R. R.; east on the C., B. & Q. R. R. to State Street; and north on State Street (including both sides of State Street) to the place of beginning.

THIRTEENTH STREET SCHOOL, WEST.

West Thirteenth Street, between Center Avenue and Throop Street.

Beginning on West Taylor Street at Blue Island Avenue, thence west on West Taylor Street to Throop Street; south on Throop Street to West Twelfth Street; west on West Twelfth Street to Loomis Street; south on Loomis Street to the C., B. & Q. R. R.; east on the C., B. & Q. R. R. to Blue Island Avenue; northeast on Blue Island Avenue to West Fourteenth Street; east on West Fourteenth Street to Waller Street; north on Waller Street to Maxwell Street; east on Maxwell Street to South Morgan Street; and north on South Morgan Street to the place of beginning.

VEDDER STREET SCHOOL.

Vedder Street, east of North Halsted Street.

Beginning on Blackhawk Street at Larrabee Street, thence west on Blackhawk Street to the North Branch of the Chicago River; southeast on the North Branch of the Chicago River to Haines Street; northeast on Haines Street to Elm Street; east on Elm Street to Larrabee Street; and north on Larrabee Street to the place of beginning.

WARD SCHOOL.

Southeast corner of Shields Avenue and Twenty-seventh Street.

Beginning on Twenty-fourth Street at Clark Street, thence west on Twenty-fourth Street to Stewart Avenue; south on Stewart Avenue to Thirtieth Street; east on Thirtieth Street to Clark Street; and north on Clark Street to the place of beginning.

WENTWORTH AVENUE SCHOOL.

Northwest corner of Wentworth Avenue and Twentieth Street.

Beginning on the C., B. & Q. R. R. at Dearborn Street, thence west on the C., B. & Q. R. R. to Stewart Avenue; south on Stewart Avenue to Twenty-fourth Street; east on Twenty-fourth Street to Dearborn Street; and north on Dearborn Street to the place of beginning.

FINANCIAL STATISTICS.

CONDITION OF THE SCHOOL FUND.

The Real Estate within the City Limits, belonging to the School Fund, is appraised at	$2,503,831 80
The Real Estate outside the City Limits, belonging to the School Fund, is appraised at	62,485 00
The Principal of the School Fund amounts to	207,413 00
The Wharfing Lot Fund amounts to	68,061 94
Total	$ 2,841,791 74

EQUALIZED VALUATION OF CITY PROPERTY.

The total valuation of Real Estate in the City for the Tax of 1884 is	$105,606,743 00
The total Valuation of Personal Property is	28,441,129 00
The total Valuation of Railroad Property is	3,279,108 00
Total Valuation for the Tax of 1884, is	$137,326,980 00

AMOUNT OF TAX LEVIED.

The total amount of Tax levied for 1884, for all City Purposes, was	$4,872,456 60
The Tax for School Purposes for 1884, was	1,532,515 40
The Rate of Tax levied for School Purposes was	11.16 Mills.

RECEIPTS DURING THE SCHOOL YEAR.

SCHOOL FUND.

From Rentals of School Fund Land	$ 152,606 10	
" State Dividend	148,641 19	
" Interest on Principal of School Fund	17,495 28	
Total on account of School Fund		$ 318,742 57

SCHOOL TAX FUND.

On account of Tax of 1882 and previous years	$ 456,493 65	
" " 1883	622,604 34	
Total on account of School Tax Fund		1,079,097 99

MISCELLANEOUS SOURCES.

From Tuition of Non-Resident Pupils	$ 1,113 00	
" sale of old furniture, etc	256 70	
" back taxes paid on Huron Street School lot	149 41	
		1,519 11
Total actual Cash Receipts for the Year.		$ 1,399,359 67

CURRENT EXPENDITURES FOR

AND COST PER PUPIL, BASED ON

SCHOOLS.	No. of Teachers at Close of the Year.	Average Daily Membership of Pupils for the Year.	Amount Paid for Tuition during the Year.	Cost of Tuition per Pupil on the Average Daily Membership.	Amount Paid for Fuel during the Year.	Amount Paid for Services of Janitors during the Year.
North Division High	10	269.8	$ 13,091 16	$ 48 52	$ 1,174 63	$ 1,130 00
South Division High	14	400.0	18,577 59	46 44	909 12	780 00
West Division High	16	640.2	26,758 72	41 80	584 08	1,200 00
Armour Street	20	1159.5	15,528 10	13 39	602 45	1,200 00
Brighton	11	522.1	6,552 83	12 55	419 59	1,140 00
Brown	33	1718.2	23,843 30	13 88	891 38	1,500 00
Burr	17	852.8	10,730 66	12 58	487 41	810 00
Calumet Avenue	13	720.6	10,329 79	14 33	418 11	810 00
Carpenter	24	1326.7	16,645 50	12 55	770 64	1,430 00
Central Park	10	355.6	7,065 21	19 87	546 34	1,354 00
Clarke	28	1409.2	17,048 84	12 10	1,017 55	1,420 00
Cottage Grove	24	1105.6	17,895 27	16 18	549 34	1,680 00
Division & Cleaver Street	14	784.8	9,545 19	12 16	853 88	810 00
Dore	24	1324.7	16,977 49	12 82	712 99	1,420 00
Douglas	20	1187.5	17,508 71	14 74	939 38	1,410 00
Elizabeth Street	15	776.7	10,329 17	13 30	633 98	810 00
Foster	23	1186.3	16,433 78	13 85	463 80	1,080 00
Fourteenth Street, W	16	888.0	10,407 38	11 72	377 56	810 00
Franklin	39	2009.1	26,863 26	13 37	861 71	1,536 00
Garfield	14	702.9	8,639 45	12 29	638 62	810 00
Haven	18	863.1	14,695 26	17 03	546 53	1,129 03
Hayes	23	1142 8	16,256 84	14 23	510 57	1,200 00
Headley	19	975.6	12,997 36	13 33	591 85	840 00
Holden	22	1148.6	15,606,30	13 57	782 55	1 200 00
Huron Street	13	710.8	9,310 37	13 13	478 76	1,140 00
Jackson Street, W	12	539.5	9,094 99	16 86	705 79	1,140 00
Jones	18	844.3	14,155 87	16 77	782 87	1,200 00
*Keith	15	412.3	5,880 23	14 26	634 92	507 69
King	24	1324.9	17,728 70	13 37	581 73	900 00
Kinzie	19	805.8	13,783 28	17 10	444 15	1,066 00
La Salle	22	1158.3	15,993 19	13 81	611 89	1,200 00
Lawndale	4	176.8	2,964 69	16 77	272 86	540 00
Lincoln	22	1098 8	16,076 03	14 63	628 42	1,260 00
Lincoln Street	14	790.2	10,123 71	12 81	462 66	810 00
Longfellow	16	854.3	8,312 72	9 73	530 09	810 00
Marquette	22	1223.6	16,147 84	13 19	655 44	1,200 00
Moseley	27	1165.0	17,903 40	15 37	807 38	1,500 00
Newberry	31	1634.9	21,137 80	12 92	892 69	1,380 00
Oak Street	13	750.2	9,310 08	12 41	530 81	1,140 00
Oakley	18	886.9	12,994 13	15 53	670 88	1,200 00
Ogden	21	942.0	15,637 91	16 60	670 06	595 87
Pearson Street	14	774.5	9,156 38	11 82	434 21	810 00
Pickard	17	867.3	11,061 82	12 75	570 41	810 00
Polk Street	16	957.8	10,951 15	11 43	448 69	810 00
Raymond	14	816.1	10,991 05	13 47	540 00	1,140 00
Sangamon Street	19	1021.6	13,038 44	12 76	578 29	1,260 00
Scammon	23	1112.6	17,062 51	15 33	763 14	1,950 00
Sheldon	11	390.1	6,172 21	15 47	726 45	810 00
Sheridan	21	1067.3	13,740 22	12 87	772 59	1,200 00
Skinner	29	1523.5	20,982 51	13 77	1,115 59	1,380 00
Third Avenue	11	480.2	6,859 11	14 28	692 55	810 00
Thirteenth Street, W	14	787.1	9,761 53	12 40	478 42	1,140 00
Throop	22	1037.9	14,013 03	13 50	404 32	1,200 00
Vedder Street	16	884.8	11,093 27	12 54	487 73	810 00
Wallace Street	20	966.0	12,017 86	12 44	655 03	1,200 00
Walsh	27	1360 3	17,527 40	12 88	1,067 89	1,620 00
Ward	19	1042.3	13,042 38	12 51	570 06	900 00
Washington	22	1012.4	15,280 16	15 09	872 72	1,380 00
*Webster	18	518.7	6,850 56	13 21	701 55	509 62
Wells	36	1650 8	19,507 41	11 82	776 12	1,658 87
Wentworth Avenue	18	980.9	11,329 34	11 55	682 57	862 50
Wicker Park	27	1373.6	15,944 68	11 61	845 03	1,820 00
	1192	59373.8	$ 843,265 22	$ 14 20	$ 41,128 82	$69,173 58

* Opened January, 1884.

THE SCHOOL YEAR BY SCHOOLS.

THE AVERAGE DAILY MEMBERSHIP.

Cost per Pupil for the Year for Fuel and for Janitor's Services.	Am't Paid during Yr. for Repairs Supplies and other Incidental Expenses.	Total Amount Paid for Current Expenses of Schools during Year.	Cost per Pupil on Total Amount of Current Expenses.	Value of Property used for School Purposes.	Six per cent. on Value of School Property & Rent of Property not owned by City.	Total Cost Including Six per cent. on the Value of School Property.	Total Cost per Pupil, including Six per cent. on Value of School Property.
$ 8 54	$ 407 69	$ 15,803 48	$ 58 57	$ 92,800 00	4,083 53	$ 19,887 01	$ 73 71
4 32	371 74	20,638 45	51 59	125,825 00	6,115 20	26,753 65	66 88
2 78	719 46	29,262 26	45 71	68,650 00	4,119 00	33,381 26	52 14
1 56	843 82	18,174 37	15 67	54,890 00	3,288 00	21,462 37	18 51
2 99	325 21	8,437 63	16 16	46,750 00	2,805 00	11,242 63	21 53
1 39	1,485 73	27,720 41	16 13	97,500 00	5,850 00	33,570 41	19 54
1 52	746 41	12,729 48	14 97	45,000 00	2,700 00	15,474 48	18 15
1 70	636 30	12,194 20	16 92	51,750 00	3,105 00	15,299 20	21 23
1 66	1,219 77	20,125 91	15 18	61,325 00	4,099 50	24,225 41	18 26
5 34	280 31	9,245 86	26 00	52,475 00	3,388 50	12,634 36	35 53
1 73	1,187 53	20,673 92	14 81	67,800 00	4,668 00	25,341 92	17 98
2 28	970 55	21,395 16	19 35	83,500 00	5,010 00	26,405 16	23 97
2 12	757 20	11,966 27	15 24	44,750 00	2,685 00	14,651 27	18 66
1 61	1,187 56	20,298 04	15 32	73,000 00	5,100 00	25,398 04	19 17
1 98	1,242 13	21,100 22	17 76	70,750 00	4,536 60	25,636 82	21 58
1 86	652 18	12,425 33	15 99	33,300 00	1,992 00	14,417 33	18 56
1 30	950 23	18,927 81	15 95	47,050 00	2,823 00	21,750 81	18 33
1 33	659 18	12,254 12	13 79	45,000 00	2,700 00	14,954 12	16 84
1 14	1,474 31	30,735 28	15 29	111,440 00	6,686 40	37,421 68	18 62
2 06	483 09	10,571 16	15 04	49,280 00	2,956 80	13,527 96	19 24
1 94	696 56	17,067 38	19 77	79,500 00	4,770 00	21,837 38	25 30
1 49	964 30	18,931 71	16 56	61,250 00	3,675,00	22,606 71	19 87
1 47	821 85	15,251 06	15 63	43,350 00	2,601 00	17,852 06	18 30
1 72	1,356 48	18,945 33	16 40	58,000 00	3,480 00	22,425 33	19 54
2 25	523 48	11,452 51	16 11	54,770 00	3,286 20	14,738 81	20 73
3 42	471 67	11,412 45	21 15	55,000 00	3,300 00	14,712 45	27 27
2 35	849 07	16,987 81	20 12	100,500 00	6,030 00	23,017 81	27 26
2 77	410 99	7,433 83	18 03	66,300 00	2,386 80	9,820 63	23 82
1 12	1,044 44	20,254 87	15 27	42,550 00	2,553 00	22,807 87	17 21
1 86	831 28	16,118 71	20 00	52,175 00	3,634 50	19,753 21	24 39
1 64	779 94	18,585 02	15 04	60 000 00	3,600 00	22,185 02	19 15
4 59	167 41	3,944 96	22 31	32,800 00	1,968 00	5,912 96	33 44
1 72	1,141 92	19,106 37	17 38	64,750 00	3,885 00	22,991 37	20 92
1 61	617 65	12,014 02	15 20	40,640 00	2,438 40	14,452 42	18 29
1 56	557 00	10,209 81	11 95	46,875 00	2,812 50	13,022 31	15 24
1 51	917 28	18,920 56	15 46	60,050 00	3,603 00	22,523 56	18 40
1 98	1,180 76	21,391 54	18 36	158,550 00	7,927 50	29,319 04	25 25
1 39	1,551 41	24,961 90	15 26	59,500 00	3,570 00	28,531 90	17 41
2 23	754 87	11,735 76	15 64	52 795 00	3,167,70	14,903 46	19 86
2 23	706 47	15,571 48	18 66	53,125 00	3,187 50	18,758 98	22 41
1 34	758 62	17,662 46	18 74	84,450 00	5,027 07	22,689 53	24 09
1 60	615 35	11,015 94	14 22	48,315 00	2,898 90	13,914 84	17 96
1 59	903 53	13,245 86	15 04	37,300 00	2,238 00	15,483 86	17 85
1 31	658 20	12,868 04	13 43	39,750 00	2,385 00	15,253 04	15 92
2 06	629 72	13,300 77	16 29	57,700 00	3,462 00	16,762 77	20 54
1 79	789 77	15,666 50	15 33	67,150 00	4,029 00	19,695 50	19 28
2 43	1,474 05	21,249 70	19 09	113,900 00	6,834 00	28,083 70	25 24
3 85	318 63	8,027 29	20 11	68,300 0 0	2,458 80	10,486 09	26 28
1 84	832 85	16,545 76	15 50	56,500 00	3,390 00	19,935 76	18 67
1 63	1,323 58	24,801 68	16 27	71,250 00	4,275 00	29,076 68	19 09
3 13	301 36	8,663 02	18 04			8,663 02	18 04
2 05	639 96	12,000 91	15 26	46,250 00	2,775 00	14,775 91	18 79
1 54	752 52	16,369 87	15 77	55,425 00	3,325 50	19,695 37	18 97
1 46	555 52	12,946 52	14 63	42,210 00	2,532 60	15,479 12	17 49
1 92	686 31	14,559 20	15 07	53,000 00	3,180 00	17,739 20	18 36
1 98	936 26	21,151 65	15 54	64 700 00	3,882 00	25,033 65	18 40
1 41	847 38	15,359 82	14 73	39,300 00	2,358 00	17,717 82	16 99
2 22	1,103 47	18,636 35	18 40	56,680 00	3 400 00	22,036 35	21 76
2 33	385 27	8,447 00	16 28	56,800 00	2,044 80	10,491 80	20 22
1 41	1,336 43	23,278 83	14 10	114,625 00	4,415 10	27,693 93	16 77
1 57	732 09	13,606 50	13 87	28,100 00	1,686 00	15,292 50	15 59
1 94	958 23	19,567 96	14 24	59,835 00	4,201 38	23,769 34	17 30
$ 1 86	$50,425 55	$ 1,003,993 17	$ 16 90	$ 3,826,665 00	221,385 78	$ 1,225,378 95	$ 20 64

PERMANENT IMPROVEMENTS.

The following Items of Expenditure are not included in the Current Expenses of the Schools in obtaining the Cost per Pupil, consisting of Expenditures on account of erection of new buildings, permanent improvements on old buildings, and special assessments on school property:

North Division High School:		
Estimates on Contracts for Erection of New Building	$18,920 30	
Lumber for Sidewalks, Fences, etc.	312 40	
Carpenter work	492 64	
Painting and Glazing	127 36	
Watchman	100 00	
Letter Box, Door Numbers, etc	9 58	
Lining Urinals	52 00	
Black Board Surface	94 14	
Cleaning building	40 00	
Window Shades	22 00	
Earth and Cinder Filling	172 10	
Furniture	1,895 35	
Reference Books and Apparatus	311 89	
		$22,549 76
South Division High School:		
Estimates on account of Contracts for erection of Building	$51,793 92	
Lumber for Sidewalks, Fences, etc.	287 05	
Painting and Glazing	74 44	
Registers for Ventilating openings	208 00	
Black Board Surface	146 14	
Door Numbers, Gong Bell, etc	20 18	
Cleansing building	75 00	
Window Platform	8 00	
Window Shades	33 83	
Furniture	2,564 77	
Reference Books and Apparatus	280 18	
		55,491 51
Amount carried forward		$78,041 27

Amount brought forward		$78,041 27
West Division High School:		
Cut Stone Work	$ 80 00	
American Cyclopedia	64 00	
Reference Books	3 75	
		147 75
Armour Street School:		
Cement pavement in basement	$ 438 00	
Masonry	71 06	
Plumbing	28 47	
Sewerage	18 35	
Tables and Recitation benches	61 30	
		617 18
Brighton School:		
Plastering	$250 00	
Seats and Desks	425 25	
Teacher's Tables	19 50	
		694 75
Brown School:		
Curbing, Grading and Paving Page Street	$ 528 94	
New Roof	326 91	
Plumbing on Water Closets in basement	137 72	
		993 57
Burr School:		
New Furnaces		2,051 15
Carpenter School:		
Cement Pavement	$ 380 00	
Painting exterior of building	487 00	
		867 00
Clarke School:		
Chairs	$ 39 00	
New Steam Radiator	99 92	
Maps	13 25	
Book Case	37 72	
Black Board Surface	113 92	
		303 81
Cottage Grove School:		
New furnaces	$ 1,777 00	
Painting exterior of building	230 00	
		2,007 00
Dore School:		
Painting exterior of building	$ 420 00	
Construction of water closets in basement	91 87	
		511 87
Amount carried forward		$86,235 35

Amount brought forward		$86,235 35
Douglas School:		
Improving light and ventilation in the building	$ 2,036 16	
Painting exterior of building	565 00	
Earth filling	140 70	
Book Cases	66 42	
Rebinding books, etc	41 40	
		2,849 68
Elizabeth Street School:		
New heaters and ventilation of building	$ 1,215 00	
Plastering	139 88	
Window Shades	62 50	
		1,417 38
Foster School:		
Construction of water closet in basement	$ 1,164 36	
Cement pavement	530 27	
New Roof on main building	222 00	
Earth filling	25 00	
Surveying	15 00	
		1,962 63
Fourteenth Street (West) School:		
New Furnaces	$ 1,884 00	
New Roof	294 00	
Book Case	30 00	
		2,208 00
Franklin School:		
Recitation Benches	$ 28 80	
Fitting up rooms in basement	412 10	
Black Board Surface	57 16	
Gas Fixtures	69 00	
		567 06
Haven School:		
Preparing plans for remodelling old building		300 00
Hayes School:		
Curbing, grading and paving Fulton Street	$ 372 40	
Earth filling and cinders	196 47	
		568 87
Holden School:		
Earth Filling and Cinders	$ 670 23	
Surveying lot for filling	15 00	
Painting exterior of building	478 00	
Cement pavement	427 75	
New Seats and Desks	576 00	
Black board surface	91 28	
		2,258 26
Amount carried forward		$98,367 23

Amount brought forward		$98,367 23
Huron Street School:		
Taxes for 1880, on School lot		149 41
Irving School:		
On Contracts for erection of building	$44,207 85	
Earth filling and Cinders	1,288 08	
Surveying lot for filling	30 00	
Lumber, etc., for fences, sidewalks, etc.	466 40	
Sewerage	33 35	
Black Board Surface	122 10	
Glazing Book Case	18 00	
Seats and Desks	3,334 80	
Tables and Principal's Desk	190 45	
		49,691 03
Jefferson School Building:		
Estimates on Contracts		6,000 00
Jones School:		
Smoke Burners		300 00
Keith School:		
Estimates on contracts for erection of building	$40,341 75	
Filling lot	316 78	
Surveying lot for filling	15 00	
Lumber, etc., for fences, sidewalks, etc.	267 73	
Painting and re-glazing	267 81	
Glazing Book Case	18 00	
Black Board Surface	118 95	
Cleaning building	50 00	
Numbers for doors, etc.	7 48	
Seats and Desks for Pupils	3,115 50	
Teachers' Tables, Clocks, Chairs, etc	249 90	
Reference Book, and Apparatus	76 40	
		44,845 30
Kinzie School:		
Curbing, Grading and Paving La Salle Street		411 00
La Salle School:		
Lincoln Park Assessment		29 12
Lawndale School:		
Estimates on contracts for erection of building	$ 2,644 71	
Watchman	50 00	
Lumber for fences, sidewalks, etc.	186 08	
Black Board Surface	61 47	
Sewerage	22 44	
Conductor Pipe	48 00	
Cinders	484 62	
Seats and Desks for Pupils	132 30	
Amounts carried forward	$3,629 62	$199,793 09

Amounts brought forward		$ 3,629 62	$199,793 09
Chairs and Clock		19 50	
			3,649 12
Lincoln School:			
Painting exterior of building		$ 493 00	
Water closets in basement		142 28	
			635 28
Lincoln Street School:			
Curbing, Grading and Paving Lincoln Street		$ 950 40	
Painting exterior of building		377 00	
			1,327 40
Longfellow School:			
Balance on Estimates on Contracts for erection of building		$ 103 37	
Curb Walls on Throop Street		680 00	
Filling and Grading Throop Street		203 58	
Lumber for sidewalks		173 67	
			1,160 62
Moseley School:			
Changes in Heating Apparatus and Improving Ventilation		$ 1,594 60	
Remodelling stairways and other improvements:			
Lumber	$ 517 79		
Carpentry	217 90		
Plastering	350 00		
Masonry	29 50		
Painting	364 70		
Iron Rail	55 45		
		1,535 34	
Earth Filling		27 00	
Transom Lifters		36 84	
Black Board Surface		85 97	
Seats and Desks for Pupils		2,452 45	
Book Case		30 00	
			5,762 20
Newberry School:			
Changes in Heating Apparatus and Improving Ventilation		$ 3,426 13	
Water closets in basements		84 80	
Painting exterior of building		620 00	
Stone Curb on Willow Street		157 20	
Lumber		223 10	
Masonry		164 73	
			4,675 96
Amount carried forward			$217,003 67

Amount brought forward		$217,003 67
Oak Street School:		
Lincoln Park Assessment		5 94
Ogden School:		
Estimates on contracts for erection of building	$ 56,673 79	
Earth filling	440 50	
Surveying	15 00	
Coke and Coal	66 25	
Lumber for fences, sidewalks, etc.	256 60	
Painting fence, etc.	70 65	
Painting book case	39 63	
Watchman	14 00	
Black board surface	150 32	
Door Numbers, etc.	13 68	
Seats and desks for pupils	4,109 60	
Chairs and Clocks	126 80	
		61,976 82
Pearson Street School:		
Construction of Curb Wall	$ 792 00	
New furnaces and Ventilation	2,155 00	
Painting exterior of building	357 00	
Water closets in basement	49 40	
Earth filling	108 80	
Lumber	308 13	
		3,770 33
Pickard School:		
Cinder filling	$ 124 20	
Black board surface	70 62	
		194 82
Polk Street School:		
Painting exterior of building	$ 370 00	
New furnaces and ventilation	1,752 00	
New Roof	136 25	
Chairs	32 50	
		2,290 75
Raymond School:		
Curbing, grading and paving Wabash Avenue	$ 1,400 63	
Covering steam pipes	37 17	
		1,437 80
Amount carried forward		$286,680 13

Amount brought forward			$286,680 13
Sangamon Street School:			
Paid on contracts for erection of new building:			
Carpentry	$ 24 37		
Iron Railing	35 00		
		$ 59 37	
Painting fence		48 15	
Recitation Seats		28 80	
Black Board Surface		43 00	
			179 32
Scammon School:			
Changing Stairways		$ 949 69	
Relaying floors		902 91	
Black Board Surface		168 27	
Wire Window Guards		84 80	
Iron Pipe Railing		53 18	
New Seats and Desks		132 30	
Earth filling and cinders		115 04	
			2,406 19
Sheldon School:			
New seats and desks			762 00
Skinner School:			
Changes in Steam Heating Apparatus		$ 430 32	
Painting exterior of building		590 00	
Cement pavement		93 50	
Teachers' Tables		14 50	
Water Closets		99 35	
Black board surface		123 55	
			1,341 22
Third Avenue School:			
Abstract of Title to School lot		$ 290 00	
Surveying lot		25 00	
			315 00
Thirteenth Street (West) School:			
Covering steam pipe			25 62
Throop School:			
Curb Wall on Throop Street		$ 680 00	
Filling and Grading Throop Street		179 01	
Graining Book Case		29 19	
			888 20
Amount carried forward			$292,597 68

Amount brought forward		$292,597 68
Vedder Street School:		
New furnaces and ventilation	$ 1,931 00	
Cement pavement	619 37	
		2,550 37
Wallace Street School:		
Covering Steam Pipe		461 69
Walsh School:		
Earth filling	$ 455 59	
Painting fences	89 91	
		545 50
Ward School:		
Earth filling	$ 91 60	
Surveying	15 00	
		106 60
Webster School:		
On account of contracts for erection of building	$ 39,172 30	
Lumber, etc., for fences, sidewalks, etc.	259 72	
Painting fences	48 75	
Black Board Surface	126 80	
Cleaning building	50 00	
Earth filling and surveying	417 48	
Numbers for doors, and door plates	7 68	
Re-glazing	36 63	
Seats and desks	3,112 05	
Principal's Desk and Teachers' Tables.	126 15	
Clocks	61 10	
Chairs	39 00	
Reference Books and Apparatus	94 40	
		43,552 06
Wells School:		
On account of contracts for erection of new building	$ 48,131 80	
Lumber, etc., for fences, sidewalks, etc.	561 88	
Painting fences	65 55	
Area Railing	50 80	
Masonry	173 67	
Earth filling	438 72	
Black Board Surface	114 00	
Re-glazing and Glazing book case	39 11	
Numbers for doors, and door plates	14 88	
Seats and desks	5,893 70	
Principal's Desks and Teachers' Tables	140 65	
Amount carried forward	$ 55,624 76	$339,813 90

Amount brought forward		$ 55,624 76	$339,813 90
Clocks		61 10	
Chairs		39 00	
Arithmetical Chart		4 00	
Water Service Pipe		17 43	
Privy Sink		33 20	
			55,779 49
Wentworth Avenue School:			
Paid for frame building removed to lot		$ 300 00	
Removing frame building to lot and permit		130 00	
Expense of fitting up frame building:			
Lumber, etc	$ 314 56		
Painting	147 46		
Masonry and Plastering	134 35		
Sewerage	18 50		
Roofing	58 00		
Calcimining	20 00		
Black Board Surface	13 42		
		706 29	
Seats and desks		412 75	
			1,549 04
Wicker Park School:			
Smoke Burners			250 00
Total			$397,392 43

BOARD OF EDUCATION,

FOR THE YEAR 1884-85.

Office, City Hall, Third Floor.

JAMES R. DOOLITTLE, JR., *President.* JOHN M. CLARK, *Vice-President.*

GEORGE HOWLAND, *Secretary.*

NAME.	ADDRESS.	TERM EXPIRES.
C. L. NIEHOFF,	*49 LaSalle Street,*	1885.
P. O. STENSLAND,	*140 Evergreen Avenue,*	1885.
F. A. STAUBER,	*718 Milwaukee Avenue,*	1885.
A. C. STORY,	*Metropolitan Block, Room 23,*	1885.
J. W. GARVY,	*325 Loomis Street,*	1885.
J. M. CLARK,	*53 Wabash Avenue,*	1886.
G. STEWART,	*1 Michigan Avenue,*	1886.
J. R. DOOLITTLE, JR.	*Howland Block, Room 31,*	1886.
F. WENTER,	*W. 14th St., East of Canal St.,*	1886.
P. CONLAN,	*121 N. Market Street,*	1886.
T. BRENAN,	*County Treasurer's Office,*	1887.
A. KRAUS,	*77 Clark Street, Room 12,*	1887.
R. BRAND,	*53 Cedar Street,*	1887.
F. H. COLLIER,	*95 Dearborn Street, Room 26,*	1887.
D. CORKERY,	*440 Twenty-Second Street,*	1887.

GEORGE HOWLAND,	Superintendent of Schools.
EDWARD C. DELANO,	1st Assistant Sup't of Schools.
JOHN C. BURROUGHS,	2d Assistant Sup't of Schools.
SHEPHERD JOHNSTON,	Clerk.
MATTHEW B. HICKS,	Building and Supply Agent.
HARRY RUBENS,	Attorney.
CHARLES C. CHASE,	School Agent.
JOHN A. GUILFORD,	Book-keeper.
JOHN W. FOSTER,	Assistant Clerk.
THOMAS J. WATERS,	Chief Engineer.
JOSEPH T. KILGOUR,	Ass't to Build'g & Supply Agent.
FRED. VOGT,	Messenger.

STANDING COMMITTEES.

School Sites and District Boundaries:
STORY, STAUBER, CORKERY, AND THE SUPERINTENDENT.

Buildings and Grounds:
STENSLAND, WENTER, GARVY.

Apparatus and Furniture:
WENTER, STAUBER, CORKERY.

Janitors and Supplies:
STAUBER, STENSLAND, CONLAN.

School Fund Property:
KRAUS, CLARK, COLLIER, STORY, BRAND.

Finance and Salaries:
CLARK, KRAUS, BRENAN.

Special Funds and Prizes:
CONLAN, NIEHOFF, GARVY.

Teachers:
THE PRESIDENT, STEWART, KRAUS, BRENAN, BRAND, AND THE SUPERINTENDENT.

Text Books and Course of Instruction:
CLARK, KRAUS, STEWART.

High Schools:

Collier, Clark, Story.

Evening Schools:

Corkery, Conlan, Wenter, Niehoff, Stensland.

Music and Drawing:

Story, Collier, Stauber.

German:

Niehoff, Wenter, Brand.

Deaf Mute Schools:

Brenan, Niehoff, Conlan.

Judiciary:

Kraus, Collier, Story.

Publication:

Brand, Garvy, Stewart.

Rules and Regulations:

Stewart, Brenan, Stensland.

Sanitary Affairs:

Garvy, Stewart, Corkery.

Public Library:

Burroughs, Collier, Brand.

COMMITTEES ON SCHOOLS.

SCHOOL.	PRINCIPAL.	COMMITTEE.
Armour Street	Laura D. Ayres	NIEHOFF.
Arnold	Braddie Bradshaw	STORY.
Brenan	Mary M. T. Walsh	BRENAN.
Brighton	Ida M. Cook	CORKERY.
Brown	Andrew J. Wood	KRAUS.
Burr	Ralph J. Haase	STAUBER.
Calumet Avenue	Electa E. Dewey	CLARK.
Carpenter	Volney Underhill	STEWART.
Central Park	James S. Alling	STEWART.
Clarke	Silas L. Wood	KRAUS.
Cottage Grove	Louise S. Curtis	DOOLITTLE.
Division and Cleaver St.	Fanny E. Oliver	CONLAN.
Dore	Albert A. Robinson	NIEHOFF.
Douglas	Orville T. Bright	DOOLITTLE.
Elizabeth Street	Harriet N. Winchell	STEWART.
Emerson	Charles S. Barthlof	COLLIER.
Foster	Luella V. Little	NIEHOFF.
Fourteenth Street, W.	Tammie E. Flowers	BRENAN.
Franklin	Albert R. Sabin	BRAND.
Garfield	Jennie E. Gillespie	WENTER.
Haven	George C. Bannan	CLARK.
Hayes	Alden N. Merriman	STEWART.
Headley	Helen A. Butler	STORY.
Holden	Charles F. Babcock	CORKERY.
Huron Street	Mattie M. W. Ruggles	CONLAN.
Irving	A. Henry Vanzwoll	COLLIER.
Jackson Street, W.	Charles H. Ford	COLLIER.
Jefferson	Lucia Johnston	GARVY.
Jones	Alice L. Barnard	WENTER.
Keith	Erastus A. Barnes	CLARK.
King	Nellie Hardick	COLLIER.
Kinzie	William C. Shuman	CONLAN.
Knud Langland	Effie A.M. Christensen	STENSLAND.
La Salle	Homer Bevans	STORY.
Lawndale	Elvira Pennell	GARVY.
Lincoln	Frank S. Heywood	STORY.
Lincoln Street	Harriet O. Peeke	STAUBER.
Longfellow	Emma M. C. Greenleaf	KRAUS.
Marquette	Frank B. Williams	STEWART.

Montefiore	J. Charlotte Lundh	STENSLAND.
Moseley	Alfred Kirk	CLARK.
Motley	Maria H. Sayward	STAUBER.
Newberry	Corydon G. Stowell	STORY.
Oak Street	Margaret Dougall	BRAND.
Oakley	Chester C. Dodge	STAUBER.
Ogden	George W. Heath	BRAND.
Pearson Street	Hattie M. Butterfield	CONLAN.
Pickard	Henry C. Cox	GARVY.
Polk Street	Carrie G. Adams	NIEHOFF.
Raymond	Victorine Havenhill	CLARK.
Scammon	Emily M. C. Stevens	KRAUS.
Sheldon	Edith A. Martin	CONLAN.
Sheridan	Lewis J. Block	CORKERY.
Skinner	Ella F. Young	BRENAN.
Third Avenue	Mary J. Dewey	WENTER.
Thirteenth Street, W.	Maggie A. Curran	BRENAN.
Thomas Hoyne		BRAND.
Throop	Lillie N. E. S. Hawley	BRENAN.
Vedder Street	Elsie H. Gould	BRAND.
Von Humboldt	Donald L. Morrill	STENSLAND.
Wallace Street	Alfonso E. MacDonald	CORKERY.
Walsh	Mary E. S. B. Rice	GARVY.
Ward	Emily L. French	CORKERY.
Washington	Francis M. McKay	STENSLAND.
Webster	James H. Brayton	CORKERY.
Wells	John H. Loomis	STAUBER.
Wentworth Avenue	Ella L. Evarts	WENTER.
Wicker Park	Eliza Lundegreen	STENSLAND.

REPORT

OF THE

DEPARTMENT OF HEALTH

CITY OF CHICAGO,

FOR THE YEARS 1883 AND 1884.

CHICAGO:

GEO. K. HAZLITT & CO., PRINTERS, 172 AND 174 CLARK ST.

1885.

HEALTH DEPARTMENT.

ROSTER FOR 1884.

OSCAR C. DEWOLF, M. D., . . Commissioner of Health.
B. L. MCVICKAR, ... Secretary.
LOUIS MERKI, ... Clerk.
M. K. GLEASON, M. D., ... Registrar.

MEDICAL INSPECTORS:

E. W. SAWYER, M. D., ... South Division.
E. GARROTT, M. D., ... West Division.
I. H. MONTGOMERY, M. D., ... West Division.
J. M. HALL, M. D., ... North Division.

SANITARY POLICEMEN:

S. WILSON, WM. HARDER, W. L. SMITH,
H. FORBES, THOS. SWEENEY, JOHN DALEY,
MICHAEL LAVIN, JOS. R. GORMAN, DANIEL O'CONNOR,
J. F. WILMOT, DANIEL SULLIVAN, H. FIETSCH,
ALFRED ELLIOT, A. F. BRADLEY, JAS. S. TREW,
J. E. SINCLAIR, WM. CROWLEY, GEO. R. ENGLISH,
THOS. FLOOD, JOS. KAISER.

MEAT INSPECTORS:

MATW. LAMB, WM. MARIGA,
WM. LEAKE, T. P. MAHONEY,
ALEX. SWEENEY.

TENEMENT AND FACTORY INSPECTORS:

WM. H. GENUNG, Chief.

JOS. GRUENHUT, L. S. HUDSON, THOS. RANDALL,
ALEX. MONTEATH, C. SCHULZ, W. F. DILLON,
F. MCCORMICK, JAS. CARNEY. A. MCCARTY,

SMALL POX HOSPITAL.

P. H. MCELROY, M. D., ... Physician.
Hospital in charge of the Order "Poor Handmaids of Jesus."

DEPARTMENT OF HEALTH

CHICAGO, APRIL 1ST, 1885.

TO THE HON. CARTER H. HARRISON, MAYOR, AND TO THE HONORABLE THE CITY COUNCIL:

I herewith transmit the annual report of the Department of Health of the City of Chicago for the year ending December 31st, 1884.

With this report is also published the statistical report for the year 1883. Such recommendations and modifications of ordinances as I have thought proper to bring before the City Council, during the past two years, for their action, have been sufficiently commented upon, while under discussion, and do not require further reference.

CLEANING THE CITY.

The custom of assigning the cleaning of streets to the care of the Department of Public Works, and the cleaning of alleys and removal of house garbage from alleys and streets to the Department of Health, has resulted in the usual confusion and extravagance of expenditure, which have, heretofore, more or less, characterized the work.

The cleaning of a great city—and keeping it clean—is a labor of enormous magnitude and of the most vital importance, and as there is really no demarcation between filth of the street and filth in alleys, there should be no division of responsibility in its removal, and, in my opinion, one contract should cover the whole. Such a course *should* insure efficiency and economy.

INSPECTION OF FACTORIES, WORKSHOPS AND DWELLING HOUSES,

has become a very important work of the department and our gradually diminishing death rate may be largely attributed to the active supervision and improvement of the houses and places of labor of our laboring classes. This supervision has covered about 263,000 of our population and the statistics presented by the chief of that bureau will be found of interest. The force has, at this date (April 1st), been increased to eighteen men, and I anticipate much assistance from their services.

STOCK YARDS AND MEAT INSPECTION.

This service so important to the comfort and health of our citizens has been satisfactorily performed. The stock yard district has become the rendering neighborhood for a large portion of the civilized world. The fresh meats slaughtered there are distributed in carcass to all the larger cities of America, while many of the

villages or small cities of 10,000 inhabitants or more of the New England and Middle States have refrigerators supplied from the same source.

Large orders have been filled by our packers for preserved meats in tin cans for the use of the English army in Egypt and India (21,559,548 lbs. in year ending May, 1885), and these meats are found in every hamlet of Europe and America.

In 1884, there were slaughtered at these yards 1,025,813 beeves, 3,959,352 hogs, 511,278 sheep; and the blood, bones, feet, scrap and offal of these animals were rendered into grease, glue and fertilizers in so prompt and efficient a manner as to create no offence, unless caused by unavoidable accident to machinery or lack of water supply. Officers of this department are on duty day and night at the rendering houses.

The inspection by meat inspectors of the department, of animals brought to the yards and designed for food, has given rise to considerable conflict with owners or commission men, to whom the animals were consigned.

The reputation of the business is so vitally connected with a careful inspection, that the stock-yard authorities and large packers have always sustained the health officers in a vigorous performance of their duty. All animals regarded as unfit for food are shot in the pens and turned over to the rendering company. Several

suits against officers of the department for damages, for loss of stock, have been brought during the year, but abandoned when they reached the higher courts.

On the 28th and 29th of July, two shipments of stock—comprising 964 head—reached the yards, afflicted with the southern cattle fever. Seven hundred and twenty-five were immediately shot and delivered to the rendering tanks. The remaining animals—apparently in good health—were slaughtered, under the inspection of Mr. Lamb, and about forty per cent. of them disclosed evidence of disease, and the carcasses were condemned. The animals had been grazed all summer, along the northern line of the Indian Territory, and were driven to Caldwell, Kas., placed on board cars and taken to Kansas City, Mo. On the day of their arrival at Kansas City, several of them died, and the stock men becoming alarmed rushed them off to Chicago.

It is presumed that this experiment, which cost the owners $16,000, will convince them that Chicago is not the most desirable market for stock of this character.

THE RIVER.

The condition of the river has been so satisfactory as to give little cause for complaint. The south fork of the south branch still remains in a deplorable condition. I can only repeat what I had to say in my last

report on this point: "There can be no question that "this slough of filth coursing through the southwestern "portion of our city, is a terrible menace to the health "of our citizens. It not only directly creates disease, "but by the septic influence it generates, invites the "location and development of such germs of epidemic "disease as may be introduced from without."

GENERAL HEALTH.

There is no feature of the Register's report which calls for comment. The city has been free from epidemics of every nature, and the death rate is remarkably low.

OSCAR C. DE WOLF, M. D.,
Commissioner of Health.

BUREAU OF TENEMENT AND FACTORY INSPECTION.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health:

SIR:—I herewith present a report of the work performed by the tenement and factory inspectors during the year 1883.

Sec. 1352 of the Municipal Code requires a full and detailed statistical report of the number of males and females of all ages employed in labor or service in factories, workshops, stores, warehouses, elevators, yards and domestic workrooms.

There are about 19,000 of such above named places of employment enumerated in the subjoined tabular statement, and about 200,000 persons employed therein.

This tabular report does not include the persons employed in the 900 boarding houses, the 3,800 saloons, and the very large number of buildings with furnished rooms; also those employed in the service of attending the public—as physicians, dentists, architects, and other self-employed persons: as lawyers, clergymen, school teachers, bankers, money-lenders, renting and insurance

agents, employes of federal, state, municipal and town offices, etc., because they were not mentioned in the original ordinance, creating the office of tenement and factory inspection.

The number of adults at the age of working capacity is much greater in proportion to the whole number of inhabitants in this city, which is being constantly crowded with immigrants, than in older cities having a native-born settlement of Anglo-Americans, whose enterprising young people emigrate to all parts of the continent in search of more remunerative employment.

The principal business centre of the south division of the city has lately been bounded and confined at Polk street through the location of a railroad terminus; and the Board of Trade building has been erected at the foot of La Salle street between Jackson and Van Buren streets.

This encourages builders to erect ten and twelve story blocks for offices, workshops, and living apartments, so as to derive the largest obtainable profits from their investment in building grounds.

One such turret building will accommodate as many persons of employment (over and on top of each other) as an entire block of low business-buildings outside the circumscribed business centre.

The detailed reports show that *more* than 60,000 per-

sons are employed at service or labor *above* the first or store floors in the first ward alone (the business centre); the upper floors constituting one vast workshop.

Among the noticeable conditions found in the high buildings, and which are not sufficiently regulated by ordinance, is the lack of proper safe-guards in case of fire or accidents.

These high structures, constantly crowded as they are with human occupants, intermingled with highly inflamable goods, should consist entirely of fire-proof materials, and should be supplied with fire-proof outside stairways, constructed so as to afford safe exits to these vast numbers of architects, printers, telegraphers, cloak, clothing and suit makers, and the multitude of others who are employed in the several professional, commercial or manufacturing pursuits.

The prevailing custom of providing comfortable passenger elevators, together with the cheaper rents and better light and air to be obtained, causes the upper stories of these tall buildings to be much sought for, thus supplying one of the principal inducements to capitalists to erect an increased number of such buildings each year.

However, the convenient elevator has reduced the number of necessary stairways, constructed as they are for *general* use, and with little or no precautions for accidents, panic or fire.

These elevators should be constructed of incombustible material, and enclosed within a fire-proof shaft; but this is rarely done—the usual method being, to but partially enclose them with a light wire-netting, or other similar materials, thus providing a sure passage for dense smoke or fire, and rendering this elegant convenience entirely useless at the very moment it is most needed, as a means of escape.

The lower or ground floors only, are used as stores and to show sample goods; all upper floors are workshops, if not offices or furnished rooms.

The style of fire-escape generally used at present is primarily intended for the use of the firemen, who can climb up and connect and direct the hose for a stream of water to the several upper floors; but the employes could not use these perpendicular ladders to safely escape from the twelfth story of a burning building, unless they are professional acrobats.

Iron stairways should be provided within fire-proof enclosures (which could be properly lighted through mica-covered openings), to connect at each floor with suitable *outside* iron balconies, in connection with outside iron stairways, and all provided with suitable railings, etc.

The ordinance prohibiting the employment of children under fifteen years of age, for more than eight

hours each day in factories and workshops, is being very generally complied with.

The classified, alphabetical lists of the trades and occupations are made according to the titles of the employing firms, and not by the articles of manufacture or sale; a more detailed or substantial classification being deemed impracticable, because of the almost universal custom of firms and companies of concentrating several trades and related occupations into one establishment, as printing, binding, lithographing, stationery and general publishing.

The subjoined alphabetical tables fully explain themselves and show an activity and magnitude in the manufacturing industries of this city, not so accurately obtainable from any other known source.

TENEMENT HOUSE INSPECTION.

A thorough examination was made during the year of all the sanitary conditions in 3,744 tenement houses, which contained 9,164 families, consisting of 42,331 persons.

A complete detailed written report is filed in this department for *each* examination made, the action taken, if found in an unsanitary condition, and the improvements effected. From the general character and conditions found in these buildings, filled in many instances with noxious odors from defective drainage,

etc., and to twice their statutory capacity, with a class of inhabitants who are not over-clean in their personal habits, it would seem to be almost necessary that a still closer supervision should be exercised over this class of work.

I would suggest that a careful and thorough, house-to-house examination be made of all the tenement houses within the city, during the months of April, May and June, of *each* year, in order that the neglected repairs and accumulations of the winter months may be rapidly and effectually made or removed and a considerable cause for sickness, and possible deaths, done away with. The owners should be compelled to provide suitable and permanent receptacles for the garbage and general refuse of these houses, after which the inspectors should see to it that the occupants make *use* of these receptacles for their intended purposes; also, that the day scavengers remove the contents promptly and regularly. This would require constant and rather unsatisfactory work (for the inspectors) for a few months, but the resulting benefits to the tenants, if not the general public, would fully justify the necessary expense and trouble; as, no doubt, the occupants would soon adopt the more cleanly habits because of their enhanced comfort, and in a short time follow the suggestions of the inspectors from *choice* and not by compulsion.

In the year 1881, (only two years since,) a compara-

tive statement was compiled in this bureau, of the mortality ratio per thousand of inhabitants in the strictly private residence wards and those containing tenement-houses and inferior dwellings.

These comparisons were taken from the "record of vital statistics" of this city, and are therefore reasonably accurate and to be relied upon as correct, and the results show that nearly *three* persons die in the tenement wards for every *one* person dying in the residence wards, and making a further comparison with the *class* of disease (preventable) causing death, the ratio is much greater as against the unsanitary wards. We will not claim that *all* the excess in the mortality is due to the unsanitary *housing* of these people, but conceding that *one-half* is due to insufficient and unwholesome food and excessive manual labor, and we still feel that additional work in this direction may be prosecuted with beneficial results. In the 3,744 tenement houses examined, the inspectors found it necessary to serve 921 written notices to make *permanent* sanitary improvements in the lighting, ventilating, plumbing and drainage of the buildings. In addition to the work mentioned and shown in the detailed reports, a complete record is made of the number of rooms, families, persons, males, females and children occupying *each* house, which would be of great value and use, should an epidemic spread through the city.

SPECIAL EXAMINATIONS.

There were 1,558 "special" examinations made in residences or dwellings containing one family each, all of which were made upon the written requests of physicians, occupants or owners, or both. This class of work was not at first intended to form a part of the "regular" work of the inspectors; but the public generally are recognizing the true value and benefit to health of perfect house sanitation, and making such rapid strides in voluntary self-education in this direction that it has been deemed consistent to accede to those requests, and suggest proper remedies for all defects found.

It would seem that this "special" work was not the least important one of this department, when it was found that, out of the 1,558 houses examined, 726 were deficient in one or more of their important sanitary conditions, which defects were immediately remedied under the supervision of the inspectors.

At first thought, these facts would lead one to believe that *all* places of habitation should have the same inspections, *regularly* made, as are in the tenement houses; but the facts are, that these "special" examinations are only made upon the written requests of a physician (professionally visiting the premises named), or from the occupant or owner, who has long endured an indescribable odor (generally emanating from de-

fective drainage or plumbing) throughout the house; and, as a last resort, seeks the health department, that they may be relieved of the cause of their troubles.

SANITARY REQUIREMENTS IN NEW BUILDINGS.

The laws of this state require that the plans and specifications for all places of habitation (in cities of 50,000 inhabitants), shall be submitted to the Commissioner of Health for his approval or rejection, so far as relates to all sanitary arrangements to be provided in said buildings, and includes the ventilation of rooms, light and air shafts, windows, ventilation of water-closets, drainage, plumbing, etc.

Permits have been issued during the year for 2,444 buildings for habitation; the plans for which were submitted to this office for approval, so far as relates to *all* the sanitary arrangements to be placed in the proposed buildings, and copies of 1,389 of said plans were properly filed for future reference, and represent all classes of house building, from the smallest cottage house to the palatial residence, and from the ordinary or usual two-flat building to the towering seven-story tenement house.

Of the 2,444 plans submitted, 1,142 were for so-called "flat" buildings (buildings fitted for *one* family only to each story or floor), 294 of which contained stores on first or ground floors; 483 tenement houses,

containing *three* (3) or *more* families each, were built, and one, now in course of construction, to contain thirty-four (34) families; 116 cottages (brick) were built to accommodate one (1) family each, and the remaining 702 houses include all classes of one and two family buildings, from the mansion of the millionaire to the hostler's living apartments in the upper story of a barn.

These houses were constructed for the accommodation of 4,551 families, and estimating that each family consists of four persons, we have a total of 18,204 persons, who have received a direct and *permanent* benefit through the exertions of this department. The method pursued to accomplish these permanent benefits or improvements consists in first compelling all architects, builders and other persons interested in the construction of these buildings (and before commencing work on same), to first submit their plans and specifications to the Commissioner of Health, for his approval or modification as to their sanitary arrangements; and after approval, this bureau enforces all the requirements of the laws, ordinances, rules and regulations relating thereto, by constant and supervisory examinations of the buildings, from time to time, during their erection and after completion.

This supervision is found necessary, because many unprincipled persons often attempt to omit necessary conditions or to construct in a much different manner than the approved plans and specifications represent,

and in direct violation of the laws, etc., governing the same. The total number of these violations by the architects, builders and plumbers in the *construction* of new habitations during the year were 204, which required the serving of a written notice by this department (for each one), requesting the violators to remedy the work at once, which order or notice not being fully complied with, the whole was carried into the courts where, I am pleased to state, *every case* (and there are scores of them) was decided in favor of this department. Therefore, without *legal* compulsion, through the efforts of competent inspectors, these sanitary improvements could not have been enforced, and the construction of permanently unsanitary house-buildings would have continued as in the past. The importance of, if not the *necessity* for this class of sanitary work, cannot be better shown than in the preceding statement, that in *one* year alone this bureau has effected permanent and substantial improvements, which directly benefit *more* than eighteen thousand inhabitants; while under the former ordinances these improvements could only have been enforced *after* the buildings were occupied, and then only partially and in an imperfect manner.

As will be seen, nearly one-half of all the houses constructed were of the class known as "flats," and with very few exceptions are rented for $20 to $125 per month for *each* flat or family, a sum beyond the

ability to pay, of the clerks and so-called middle class of merchants, employes and mechanics in our city.

This brings us face to face with the unpleasant fact, (as mentioned in my last annual report,) that practically *no* provisions are being made to house the *toiling* multitude of wage-workers in our city, and in order that a clerk or other small salaried man may procure suitable rooms for the proper accommodation of his growing family, he is compelled to travel far toward the city's suburbs and suffer the inconveniences of spending hours each day in going to and from his place of employment in addition to a considerable expenditure of cash. The laboring classes employed about our docks, store and warehouses in the central portion of the city cannot go to the suburbs, nor any locality of any considerable distance from their places of employment, because of their salary being so small as to preclude them from paying any portion of it for transportation, and so it follows that they are compelled to remain in the down-town over-crowded and poorly lighted tenement quarters, with immoral surroundings and too generally poor school accommodations for their children. It cannot be questioned but that buildings of four or more stories in height could be erected on cross streets in close proximity to the business centers and arranged in small but light, airy and convenient apartments, most thoroughly provided in a sanitary way, and rented in suites, for 8 to 12 dollars

per month for each family, and which would return a *net* percentage on the investment far above an equal investment in other classes of houses in any portion of the city distant from the trade centers.

If it be possible to build with great profit and *in the most scientific manner*, whole cities like Saltaire and Pullman for the *exclusive* housing of operatives (employes) of large manufacturing and commercial institutions, then why is it not only possible, but highly profitable, and withall a very philanthropic enterprise to erect blocks of tenement houses on the most approved plans for the wage working poor in this city, and thereby obliterate such localities as the "Patch" and "Cheyenne?" Such an enterprise would abolish these rookeries by causing them to be unsought for as places of habitation; it would improve the morals of our lower classes by improving their surroundings and education and largely reduce the mortality among this class of our populace.

LODGING HOUSES.

The improvement of the so-called lodging-houses in many of the basement or cellar stories along a few of the central streets has been the cause of much labor on the part of this department in forcing the owners to keep them in a fair sanitary condition and prevent excessive overcrowding.

Not a few have been declared uninhabitable and the

owners compelled to permanently vacate them and estopped from further using them for such purposes.

In other instances the entire bedding has been burned or otherwise destroyed and replaced with new, but less number of beds. However, real, genuine *satisfactory* results cannot be obtained in this class of work until the city ordinances are so amended as to entirely prohibit any person from sleeping or dwelling in any basement or cellar *under any circumstances whatever.*

Respecfully,

W. H. GENUNG,
Chief Inspector.

TENEMENT AND FACTORY INSPECTORS'

REPORT OF TRADES AND OCCUPATIONS,

WITH

NUMBER AND SEX OF PERSONS EMPLOYED.

1883.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Agricultural implements	5	25	----	30	3125	3125	----
Artificial limbs and trusses	10	6	----	16	90	25	65
Artist's material and work	4	9	----	13	60	45	15
Auctioneers	----	12	----	12	110	110	----
Awnings, tents and sails	17	1	----	18	300	140	160
Axle grease	5	----	----	5	65	60	5
Baby carriages, toys, etc	8	1	----	9	310	290	20
Bags, (paper and gunny)	6	----	----	6	190	75	115
Bakeries, (manuf. and wholesale)	27	----	----	27	606	450	156
Bakeries and retail dealers	172	148	----	320	1055	660	395
Barbed wire	6	----	----	6	560	560	----
Barber shops	500	----	----	500	1690	1640	50
Barber's supplies	9	...	----	9	47	42	5
Baskets	4	3	----	7	170	160	10
Bedding and mattresses	16	----	----	16	260	160	100
Bellows	2	----	----	2	15	15	----
Belting, (leather and rubber)	3	5	----	8	201	201	----
Bicycles and velocipedes	1	2	----	3	16	16	----
Bill posters	----	----	1	1	25	25	----
Billiard tables	6	2	----	8	690	690	----
Bird stores	----	6	----	6	20	17	3
Blacksmiths and horseshoers	260	----	----	260	950	950	----
Boat builders	7	----	----	7	40	40	----
Boiler makers and supplies	25	3	----	28	610	610	----
Bolts	2	1	----	3	125	125	----
Book binding, pamphlets, etc	40	----	----	40	1010	330	680
Booksellers and stationers	----	140	----	140	480	310	170
Boots and shoes, (mfg and wholesale)	41	20	----	61	1610	1260	350
Boots and shoes, (mfg and retail)	310	495	----	805	1910	1660	250
Bottle dealers	----	7	----	7	24	24	----
Bottling establishments	20	5	----	25	310	310	----
Boxes, (paper)	13	----	----	13	450	140	310
Boxes, (wood)	16	----	----	16	650	650	----
Brackets	6	----	----	6	96	92	4
Brassfounders and finishers	22	----	----	22	850	850	----
Breweries and branch depots	18	12	----	30	880	880	----

FACTORY AND TENEMENT INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Brickmakers	65	----	----	65	2500	2500	----
Brick, lime, cement and drain tile	5	20	----	25	450	450	----
Bridge and car builders	2	----	----	2	1115	1115	----
Brooms and broom corn	15	13	----	28	160	160	----
Brushes	26	4	----	30	150	150	----
Burial cases and undertaker's supplies	5	5	----	10	225	180	45
Butterine and oleomargarine	8	----	----	8	450	450	----
Buttons	2	----	----	2	20	10	10
Calcium lights	2	----	----	2	25	25	----
Candles	2	----	----	2	110	90	20
Canned meats	3	----	----	3	900	750	150
Cans and tanks, (shipping)	3	----	----	3	70	70	----
Carpenters and builders	----	----	450	450	8600	8600	----
Carpet cleaners	18	----	----	18	60	60	----
Carpets and oil cloths	----	9	----	9	60	60	----
Carpet weavers	16	----	----	16	48	40	8
Carriages and wagons	200	20	----	220	2010	2000	10
Carvers, (wood)	7	----	----	7	46	46	----
Chain belts	2	----	----	2	45	45	----
Chains	3	----	----	3	106	106	----
Charcoal	----	----	4	4	10	10	----
Cheese	1	14	----	15	50	50	----
Chemical works	13	----	----	13	150	150	----
China, crockery and glassware	----	110	----	110	330	220	110
Cider	2	4	----	6	25	25	----
Cigar boxes	8	----	----	8	145	90	55
Cigars, (mfg and wholesale	50	30	----	80	2250	2050	200
Cigars, (makers and retailers)	550	250	----	800	1220	1110	110
Cloaks and suits	24	----	----	24	2500	250	2250
Clothes wringers	7	----	----	7	20	20	----
Clothing, (mfg and wholesale)	215	50	----	265	10800	3000	7800
Clothing, (makers and retailers)	800	180	----	980	2250	2000	250
Coal and wood	----	----	350	350	1150	1150	----
Coffee, tea and spices	7	30	----	37	260	210	50
Commercial agencies	----	----	4	4	200	115	85
Commission merchants	----	650	----	650	2350	2350	----
Confectioneries, (mfg and wholesale)	20	----	----	20	910	410	500
Confectionery and fruit, (retail)	----	330	----	330	690	300	390
Coopers	56	----	----	56	910	910	----
Copper, tin and sheet iron	29	----	----	29	150	150	----
Cords and tassels	5	----	----	5	200	50	150
Corks, bungs and faucets	4	1	----	5	85	60	25
Cornices	16	----	----	16	310	310	----
Corsets	18	----	----	18	410	40	370
Costumers	4	----	----	4	30	10	20
Curled hair	----	6	----	6	25	15	10
Cutlers and grinders	8	----	----	8	190	180	10
Dentists' supplies	4	----	----	4	25	20	5

FACTORY AND TENEMENT INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Dies and stencils	17	----	----	17	110	110	----
Distillers and rectifiers	75	----	----	75	370	370	----
Docks and ship yards	7	----	----	7	230	230	----
Dressmakers	790	----	----	790	1610	----	1610
Drugs and dye stuffs, (mfg and who'sle	12	20	----	32	510	500	10
Druggists	----	300	----	300	745	745	----
Dry goods and notions	1	350	----	351	6100	4000	2100
Dyers and scourers	45	----	----	45	160	140	20
Elbows	1	----	----	1	15	15	----
Electric ap'tus and telegraph supplies	19	----	----	19	610	505	105
Elevators, (grain)	----	----	30	30	460	460	----
Engravers	40	----	----	40	250	250	----
Express companies	----	----	6	6	910	910	----
Fancy and variety goods	----	310	----	310	970	410	560
Feather dusters	8	----	----	8	150	20	130
Feathers	6	----	----	6	44	34	10
Files and saws	6	3	----	9	90	90	----
Fire apparatus	6	----	----	6	98	98	----
Fire escapes and stand-pipes	1	----	----	1	10	10	----
Fish depots and packers	----	23	----	23	150	130	20
Flavoring extracts and perfumery	7	3	----	10	200	80	120
Florists and nurseries	----	50	----	50	150	130	20
Flour, (mfg and wholesale)	11	23	----	34	210	210	----
Flour and feed	----	160	----	160	425	425	----
Foundries, (gray and malleable)	25	----	----	25	3610	3610	----
Freighting, (marine)	----	----	12	12	550	550	----
Frogs, switches and crossings	1	----	----	1	40	40	----
Fruits, (green and dried)	----	33	----	33	132	132	----
Furniture, (mfg and wholesale)	120	----	----	120	6910	6910	----
Furniture, (retail)	68	202	----	270	510	510	----
Furriers	17	----	----	17	525	110	415
Gas machines and meters	5	----	----	5	25	25	----
Gas works	----	----	3	3	850	850	----
Gents' furnishing goods	50	----	----	125	3100	510	2590
Glass, (window and mirror)	----	75	----	7	50	50	----
Glass stainers and decorators	10	7	----	10	105	105	----
Gloves and mittens	13	----	----	17	300	50	250
Glucose	1	4	----	1	375	375	----
Glue and fertilizers	3	----	----	5	430	360	70
Gold and silver leaf	2	2	----	2	40	20	20
Groceries, (wholesale)	----	----	----	40	1250	1250	----
Groceries, (retail)	----	40	----	1825	5695	3720	1975
Gun powder	----	1825	----	4	15	15	----
Guns, pistols, etc.	9	4	----	19	62	62	----
Hair goods	71	10	----	71	280	90	190
Hardware and cutlery, (wholesale)	----	----	----	16	610	610	----
Hardware, stoves and tinware, (retail)	----	16	----	220	820	820	----
Harness, saddlery and horse clothing	136	220	----	136	870	700	170

FACTORY AND TENEMENT INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Hats, caps and furs	11	59	....	70	650	280	370
Heating and ventilating apparatus	9	3	....	12	385	385	....
Hides, tallow and wool	....	36	....	36	310	310	....
Hoisting machines	8	....	....	8	350	350	....
Hops, malt and barley	20	5	....	25	280	280	....
Horse nails	1	3	....	4	50	40	10
Hosiery	15	5	....	20	330	50	280
Hotels and restaurants	....	....	475	475	6500	3100	3400
Ice dealers	....	....	15	15	650	650	....
Ink, (writing and printing)	6	4	....	10	40	20	20
Iron, nails, steel and heavy hardware	....	10	....	10	275	275	....
Iron and steel rails	3	5	....	8	5100	5100	....
Iron works	14	....	....	14	655	655	....
Jewelers and watchmakers	10	300	....	310	850	850	....
Junk dealers and second hand	....	200	....	200	510	350	160
Labels and tags	....	3	....	3	30	25	5
Laces and embroidery	26	....	....	26	180	50	130
Ladders	3	1	....	4	30	30	....
Lamps, lanterns and signals	8	6	....	14	130	130	....
Lard and lard oil	3	....	....	3	620	420	200
Lasts	3	....	....	3	40	40	....
Laundries	425	....	....	425	1910	790	1120
Lead pipe and sheet lead	....	4	....	4	31	31	....
Leather, findings and leather goods	5	18	....	23	380	290	90
Lightning rods	2	1	....	3	60	60	....
Lithographers	20	7	....	27	250	240	10
Livery stables, hacks, etc	....	170	....	170	890	890	....
Locksmiths and bell-hangers	45	....	....	45	95	95	....
Lumber	....	....	108	108	3900	3900	....
Lye	3	....	....	3	20	10	10
Maccaroni	1	....	....	1	10	4	6
Machinists and machinery	120	15	....	135	2890	2890	....
Map & chromo painting & mouldings	15	....	....	15	80	50	30
Marble and stone	35	....	....	35	1250	1250	....
Meat markets	....	760	....	760	1875	1525	350
Metals and metallic goods	5	25	....	30	325	325	....
Milk depots	....	....	290	290	675	560	115
Millinery and straw goods	235	....	....	235	2310	520	1790
Music and musical instruments	18	28	....	46	610	580	30
Mustard mills	3	....	....	3	10	10	....
Newsdealers	....	68	....	68	580	510	70
Newspapers and publishing	350	....	....	350	1550	1320	230
Oakum	1	....	....	1	6	6	....
Oyster depots	....	15	....	15	110	110	....
Packing and slaughtering houses	34	....	....	34	1460	1460	....
Painters	135	....	....	135	1250	1250	....
Paints, oils and glass	10	100	....	110	550	550	....
Paper dealers	....	28	....	28	290	260	30

FACTORY AND TENEMENT INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Patterns and models	14	....	....	14	40	40	....
Patterns, (paper)	....	7	....	7	21	6	15
Paving	12	....	....	12	1350	1350	....
Pawnbrokers	....	47	....	47	75	60	15
Photographers and artists	270	....	....	270	660	550	110
Photographic apparatus	....	6	....	6	35	30	5
Pickles, preserves and fruits	15	5	....	20	350	125	225
Picture frames and mouldings	90	15	....	105	1290	1210	80
Pipes, (smoking)	3	....	....	3	6	6	....
Planing mills	32	....	....	32	2825	2825	....
Plaster work and statuary	9	....	....	9	40	40	....
Plating, (nickel, etc.)	17	....	....	17	125	110	15
Playing cards and gaming utensils	3	....	....	3	41	19	22
Plumbers and gas fitters	160	....	....	160	620	620	....
Plumbers' supplies	....	3	....	3	20	20	....
Pop corn	2	....	....	2	18	10	8
Pottery, (see Terra Cotta)	4	....	....	4	24	24	....
Printers	217	....	....	217	1510	1260	250
Provision dealers	....	20	....	20	225	225	....
Pumps	6	4	....	10	170	170	....
Rags	60	....	....	60	990	365	625
Railroads, (steam)	....	....	20	20	14500	14500	....
Railroads, (street)	....	....	3	3	3500	3500	....
Refrigerators	2	5	....	7	125	125	....
Regalias and banners	3	....	....	3	60	20	40
Roofing, (tar, tin, slate, etc.)	....	....	30	30	675	675	....
Rubber goods	4	13	....	17	201	170	31
Safes, doors and locks	1	9	....	10	150	147	3
Salt	....	5	....	5	45	45	....
Sand	....	4	....	4	115	115	....
Sash, doors and blinds	18	....	....	18	1775	1775	....
Scales	5	1	....	6	90	90	....
Scientific instruments	3	3	....	6	28	28	....
Screws	2	1	....	3	90	90	....
Seeds	....	20	....	20	390	60	330
Sewer builders	....	....	31	31	250	250	....
Sewing machines and attachments	20	60	....	80	875	675	200
Sewing silks and twist	....	7	....	7	50	45	5
Ship chandlers	....	5	....	5	50	50	....
Shoddy	3	....	....	3	150	80	70
Shot factory	1	....	....	1	17	17	....
Show cards	10	....	....	10	28	28	....
Show cases	15	....	....	15	190	190	....
Signs, (metal and glass, etc.)	12	....	....	12	100	100	....
Sleeping car companies	....	....	1	1	515	515	....
Slippers	9	....	....	9	125	55	70
Soap	4	16	....	20	750	615	135

FACTORY AND TENEMENT INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories and Workshops.	Stores.	Mixed.	Total.	Total Employed.	Males.	Females.
Sorrento and inlaid wood	2	---	---	2	6	6	-----
Springs, (car and wagon)	3	4	---	7	75	75	-----
Starch	---	6	---	6	35	35	-----
Stereotypers and electrotypers	5	---	---	5	120	120	-----
Stoves, (mfg and wholesale)	12	16	---	28	1050	1050	-----
Suspenders	6	2	---	8	50	15	35
Syrups and molasses	---	10	---	10	65	65	-----
Tanks and cisterns	4	---	---	4	41	41	-----
Tanners and curriers	20	---	---	20	1510	1510	-----
Teaming and omnibus lines	---	---	---	-----	5500	5500	-----
Telegraph and telephone comp'ies	---	---	6	6	1110	900	210
Terra cotta	2	---	---	2	160	160	-----
Theatres	---	---	12	12	350	325	25
Tin foil	1	---	---	1	25	14	11
Tin, stamped and Japanned ware	12	15	---	27	1450	1390	60
Tobacco, smoking, chewing & leaf	5	45	---	50	990	330	600
Trunks	20	2	---	22	280	280	-----
Turning, (wood and ivory)	11	---	---	11	61	61	-----
Type and type foundries	5	2	---	7	450	325	125
Umbrellas and parasols	6	---	---	6	25	15	10
Undertakers	---	90	---	90	225	225	-----
Upholsterers	29	---	---	29	285	270	15
Vaults and sky lights	2	---	---	2	45	45	-----
Veneers	1	4	---	5	15	15	-----
Vinegar	17	---	---	17	125	125	-----
Wall paper and window shades	4	14	---	18	250	240	10
Warehouses and storage	---	17	---	17	140	140	-----
Watch cases	3	9	---	12	180	180	-----
Whips	5	---	---	5	25	20	5
White lead and oil	7	---	---	7	290	290	-----
Willow and wooden ware	---	10	---	10	120	120	-----
Wines and liquors, (wholesale)	---	110	---	110	460	460	-----
Wire goods	18	---	---	18	290	290	-----
Wood carpets	2	---	---	2	25	25	-----
Woolen and linen goods	---	12	---	12	60	60	-----
Wrought iron pipes	5	---	---	5	510	510	-----
Yeast	5	---	---	5	11	11	-----
Zephyrs and worsteds	---	6	---	6	15	6	9
	8221	8781	1851	18853	198391	160785	37606

SUMMARY REPORT OF TENEMENT AND FACTORY INSPECTORS, 1883,

Showing whole number of examinations made in each class of work, separately, with number and sex of persons employed in, or occupying premises examined.

	No.	Totals.
Factories and workshops examined	5,262	
Stores examined	6,041	
Miscellaneous (places of employment, outside buildings).	1,569	
Total examinations made		12,872
Number of males employed	111,389	
Number of females employed	21,504	
Number of boys under 15 years	3,450	
Number of girls under 15 years	1,260	
Total number of persons employed in above places		132,893
Notices served in factories, etc., etc	934	
Tenement houses examined	3,744	
Rooms in said houses	38,051	
Families in said houses	9,164	
Males in said houses	24,250	
Females in said houses	18,281	
Boys under 15 years	6,144	
Girls under 15 years	6,621	
Total number of persons occupying tenement houses		42,331
Notices served in above houses	921	
Special examinations in factories, workshops, etc.	601	
Notices served for same	246	
Special examinations in residences (one family each)	1,558	
Notices served for same	726	

TENEMENT AND FACTORY INSPECTORS' REPORT

OF IMPROVEMENTS EFFECTED IN OTHER THAN NEW BUILDINGS, 1883.

IMPROVEMENTS EFFECTED.	No.
Defective plumbing repaired	241
Traps supplied (where none previously existed)	310
Ventilation applied to waste and soil pipes	136
Ventilation applied to rooms	157
Ventilation applied to workshops	8
Defective drains, sewers, etc., repaired	403
New sewers constructed and connections made	184
Catch basins built in place of old ones abolished	18
Catch basins cleaned	141
Privy vaults cleaned	1193
Privy vaults repaired or ventilated	21
Filthy premises cleaned	442
New privy vaults constructed	34
New water-closets constructed	86
Houses lime-washed	92
Leaky roofs repaired	54
Machinery protected (because of danger to employes)	38
Filthy bedding destroyed (entire beds)	78
Filthy bedding renovated	146
Uninhabitable basements cleared of occupants	35
Total	3817

NOTE.—The above improvements were made in compliance with written notices, which were served by the inspectors upon the owners, agents or occupants of the premises improved; however, fully as many more were made through verbal notices or suggestions of the officers, which have not been placed on the books of record.

AVERAGE DAILY WAGES OF ADULTS AND CHILDREN IN THE FOLLOWING STANDARD TRADES AND OCCUPATIONS.

TRADES.	MALES.	FEMALES.	Boys and Girls.
Artificial limbs and trusses	$1 50–2 50	$1 00–1 25	$ 50– 80
Awnings, tents and sails	1 50–2 50	75–1 25	
Axle grease	1 50	1 50	
Baby carriages and toys	1 25–2 00	1 00	50– 75
Bags	1 50–2 00	1 00–1 25	50– 90
Bakeries, wholesale manufactory	2 00–3 00	1 00–1 25	50–1 00
Bakeries, retail	1 50–2 00		
Barbed wire	1 50–1 75		1 00–1 25
Barbers	2 00–3 00		1 00–1 25
Baskets and willow-ware	1 50–2 00	1 00–1 25	50– 75
Bedding and mattresses	2 00–2 25	1 00–1 25	50– 80
Bill posters	2 00–2 50		
Bicycles and velocipedes	2 50		
Billiard tables	1 50–2 50		50– 75
Blacksmiths and horse-shoers	2 50–3 50		
Boat-builders	1 75–3 00		
Boiler-makers	2 75–3 00		
Bolts	1 50–1 75		
Book-binders	2 50–3 00	1 00–2 00	50– 90
Boots and shoes	1 50–2 50	1 00–1 50	50–1 00
Bottling establishments	1 50–2 00	75–1 00	50– 75
Boxes (paper)	1 50–2 00	1 00–1 50	50– 75
Boxes (wood)	1 50–2 00		50–1 00
Brass works	2 25–3 00		75–1 00
Breweries	1 50–2 50		
Brick-makers	2 00–3 50		50–1 00
Pressed brick, lime, etc.	1 25–2 25		
Brooms	1 50–2 00		75–1 00
Brushes	2 00–3 00		50– 75
Burial cases and Undertakers' supplies	2 00–2 25	1 25–1 75	
Carpenters	2 50–3 00		
Carpet-sewers and layers	2 00–3 00	1 00–1 75	
Carriages and wagons	1 50–3 00		
Carvers	3 00		
Chains	2 50–3 00		
Chemical works	1 25–2 25	1 00–1 25	75–1 00
Cigar boxes	1 25–2 00	1 00	50– 75
Cigar-makers	2 00–3 00	1 00–1 25	50–1 00
Cigar-packers	4 00–5 00		
Cloaks and suits (dressmakers)		1 50–2 00	
Clothing	1 25–3 00	1 00–1 50	25– 75
Coal and wood yards	2 00–4 00		
Coffee, tea and spices	1 50–2 00	75–1 25	50– 75
Confectioners	1 25–3 00	85–1 25	50– 80
Coopers	1 00–2 00		35– 50
Copper, tin and sheet iron	2 00–3 00		
Cords and tassels	1 50–2 00	1 00–1 25	50– 90
Corks, bungs and faucets	1 50–2 00	90–1 25	50– 80
Cornices	2 25–3 00		
Corsets		1 00–1 50	50– 80
Cutlers and grinders	1 50–2 00		50–1 00
Distillers and rectifiers	2 00–3 00		
Drug mills	1 50–2 50	75–1 25	

AVERAGE DAILY WAGES OF ADULTS AND CHILDREN.—CONTINUED.

TRADES.	MALES.	FEMALES.	Boys and Girls.
Druggist	$2 00–4 00		
Elbows	2 00		
Electric apparatus	2 00–3 00		$ 50–1 00
Engravers	2 00–5 00		50–1 00
Feather dusters		$ 50–1 00	
Feathers	1 50–2 00	1 00–1 25	50–1 00
Files	3 00–4 00		
Fire extinguishers	2 00–2 50		
Fish packers	2 00–2 50		
Flavoring extracts and perfumery	1 50–2 00	1 00–1 25	50– 80
Florists and nurseries	2 00–2 50	1 00–1 50	50–1 00
Flour mills	2 00–2 50		
Foundries	1 50–3 00		
Freighting	2 00–3 00		
Frogs, switches and crossings	2 50–3 00		
Furniture	1 25–3 00		50–1 00
Furriers	2 00–3 00	1 00–1 50	
Gas works { Firemen	2 75		
Gas works { Helpers	2 50		
Gas works { Laborers	1 75		
Gents' furnishing goods	1 00–3 00	1 00–1 50	50– 80
Glass-stainers and decorators	2 50–3 00		1 00
Gloves and mittens, cutters, (ladies) sewers	2 00–2 50	50–1 00	
Glucose and starch	1 75		
Glue and fertilizers	1 25–1 50		50–1 00
Gold and silver leaf	2 00–2 50		50–1 00
Gun-makers	2 25–2 50		
Hairworkers	2 00–2 50	1 00–1 50	
Hardware and cutlery	1 50–3 00		50–1 00
Harness and saddlery	1 50–2 00	1 00–1 25	50– 80
Hats, caps and furs	2 00–3 00	1 00–2 00	
Heating and ventilating apparatus	2 50–3 00		
Hides, tallow and wool	1 50–2 00		
Hoisting machines	2 25–3 00		
Hosiery	1 50–2 00	75–1 25	50– 75
Hotels and restaurants	1 50–3 00	1 00–1 50	
Ice dealers	1 50–2 00		
Iron and heavy hardware	2 00–2 50		
Iron works	1 50–3 00		
Japanners	2 00–3 00		
Jewelers and watch-makers	2 00–3 00		
Laces, embroideries, etc		1 00–1 50	
Ladders	1 25–2 00		50–1 00
Lamps	1 75–2 50		
Lasts	2 50		
Laundries	1 25–2 00	1 00–1 50	
Lead Pipe	1 75–2 50		
Leather goods	2 00–2 50	75–1 00	
Lithographers	2 50–5 00		
Livery stables	1 50–2 00		
Locksmiths and bell-hangers	1 50–2 00		
Lumber shovers	1 50–1 75		
Machinists	2 25–3 00		
Marble and stone-cutters	4 00		
Meat markets	2 00–2 50		

AVERAGE DAILY WAGES OF ADULTS AND CHILDREN.—CONTINUED.

TRADES.	MALES.	FEMALES.	Boys and Girls.
Metallic goods	$1 50–3 00		
Millinery and straw goods	1 50–2 50	$1 00–2 00	$ 50– 80
Musical instruments	2 00–3 00		50–1 00
Packing and slaughter-houses	1 50–3 00		
Painters	2 00–3 00		
Paints and oils	1 50–2 00		
Patterns and models	2 00–3 50		
Paving	1 50–2 50		
Photographers and artists	2 50–5 00		
Photographic apparatus and materials	2 00–2 50		
Pickles, preserves, etc	1 25–1 50	75–1 00	50– 80
Picture frames, mirrors, etc	1 50–2 50	1 00	50–1 00
Planing mills	1 75–2 00		
Plasterers and masons	4 00		
Plaster work and statuary	2 00–4 00		50–1 00
Plating	2 00–3 00		
Plumbers and gas-fitters	3 00–3 50		
Printers	2 50–3 00	1 50–2 00	50–1 00
Provisions	2 00		
Roofing	3 00		
Rubber goods	2 00–2 50	1 00–1 50	
Sash, doors and blinds	2 00–3 00		50– 80
Saws	1 50–2 00		
Scales	2 00–3 00		
Screws	1 25–2 50		
Seeds	2 00	1 00	50– 75
Sewer-builders	2 50–5 00		
Shot factory, helpers	1 25–2 50		
Soap	2 00–3 00		50–1 00
Stair-builders	2 50–3 00		
Stereotypers and electrotypers	2 00–3 00		50–1 00
Stoves	1 50–3 50		
Tanks and cisterns	2 00		
Tanners and curriers	1 25–2 50		
Teaming	1 50–2 50		
Telegraph and telephone	1 50–3 00	1 00–1 50	
Tin ware	2 00–2 50		50–1 00
Tobacco	2 00–2 50	1 00–1 25	50–1 00
Trunks	1 50–2 50		
Turning	2 00–3 00		
Type founderies	2 50–3 00	1 00–1 25	50– 80
Upholsterers	3 00		
Vessels, sailors	2 00–2 50		
Vault lights	2 25		
Veneers	1 50–3 00		
Vinegar	1 50–3 00		
Warehouses and storage	1 75–2 25		
Watch cases	2 00–2 50		
Whitelead and oil	1 50–2 50		
Willow and wooden wares	1 50–2 00		
Wines and liquors	2 00–4 00		
Wire goods	2 00–2 50		50–1 00
Wrought iron pipes	3 00–3 25		
Yeast	1 50–3 00		
Dry goods	1 50–3 00	1 00–2 00	35– 50

Annual wages of railroad employes: Clerks, $680; passenger conductors, $945; freight conductors, $802; passenger engineers, $1,167; freight engineers, $954; firemen, $554; brakemen, $508; baggagemen, $519.

Wages of boys and girls reach $2.00 to $5.00 a weeks; of young persons of both sexes as helpers, $6.00 to $9.00 a week, according to their grade of skill; of skilled artisans, of both sexes, $9.00 to $18.00 a week. Foremen earn $3.00 to $5.00 a day for their supervision of men and materials, according to the kind of business and number of employes.

Most trades have their slack seasons, when but a small proportion of persons are employed—and wages differ during the seasons of work. In some factories the hours of work are reduced in dull times, and overtime is the rule when orders accumulate; the limited space of the shops forbidding the increase of working persons.

BUREAU
OF
TENEMENT AND FACTORY INSPECTION.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—I herewith present a report of the work performed by the "Tenement and Factory" inspectors for the year 1884, including about all classes of sanitary work of the health department as required by the following ordinance, except the scavenger service and the care of contagious diseases.

Section 686 of the city ordinances declares that, "It shall be the duty of the commissioner of health to enforce *all* the laws of the state and ordinances of the city in relation to the sanitary regulations of the city, and cause all nuisances to be abated with all reasonable promptness, etc., etc.

This ordinance is very general in its character, but there are many others which apply directly to specified unsanitary conditions in all classes of buildings; however, these ordinances should be so amended as to provide for abatements in a special manner. This annual report shows a division of the sanitary work into three separate parts, viz:

First. The sanitary work performed in *occupied* places of habitation and which includes *all* buildings wherein any person may dwell or lodge.

Second. The control of the sanitary conditions and safety as relates to egress, protecting machinery and storage of dangerous materials in places of employment or service.

Third. The exclusive control under the state laws of all the sanitary arrangements or conditions, such as the heating, lighting, ventilating, plumbing and drainage to be provided in every building within the city, during its construction and which is to be used as a place of habitation.

Section 1347, of the city ordinances, declares "that no person shall hereafter erect, or cause to be erected, or converted to a new purpose by alteration, any building or structure which, or any part of which, shall be inadequate or defective in respect to ventilation, light, sewerage or any of the usual, proper or necessary provisions or precautions for the preservation of health."

The state laws invest the commissioner of health with authority to control all the sanitary arrangements to be provided in any habitable building within the city.

The enforcement of these laws by the inspectors has been the means of accomplishing more valuable sanitary work than by all other ordinances combined, in that by

their enforcement, all improvements made are of a *permanent character*, and place the building (except in cases of accident) in a permanently good sanitary condition, thereby benefitting all occupants uniformly throughout the city.

The construction of dark, damp, unventilated living rooms has been wholly prohibited for the past two years. All water-closet rooms are provided with sufficient external light and ventilation and which are never permitted to be in any way directly connected with any habitable room. In fact, all sanitary conditions are enforced which are conducive to the health of the occupants.

During the year much work has been accomplished in greatly improving the sanitary conditions in a number of our public school buildings, which in some instances amounted to an entire remodelling of the drainage systems and the heating and ventilating apparatus.

One school building was torn down as recommended by this department to be replaced by a larger and more modern structure. This work will be vigorously prosecuted, with the hope of placing *all* the school buildings in the best possible sanitary condition during the present year.

As will be seen from the following tabulated reports, the inspectors have, during the year, made a total of

28,092 examinations in places of habitation and employment, and filed proper detailed written reports for each building and firm. These examinations are exclusive of the work performed under the state laws relating to the sanitary supervision of 3,240 new buildings in course of construction for habitation, correct plans for 1,941 of which have been filed with this department for future reference, but which cannot appear in this report in detail because of the voluminous form of such reports. The owners or occupants of 1,932 houses of all sizes, each containing from one to twenty families, also employes of 483 shops and stores complained during the year of insanitary conditions in the plumbing, drainage, ventilation, etc., existing in said buildings, for each of which a special examination was made by an inspector and the defects properly corrected.

But this number of complaints does not cover half the work of house-inspection, there having been 4,394 houses containing 10,445 families reported in detail, besides the great numbers of cottages and dwellings which were greatly improved in their permanent sanitary arrangements through verbal notices or suggestions of the inspectors.

The sanitary inspections are made from house to house, but the record of special reports *in detail*, covers only the places of habitation found in bad sanitary condition and otherwise contrary to the health regula-

tions and for the abatement of which a written notice was served. Whenever a sufficient number of officers (inspectors) can be detailed to examine into the sanitary condition of *all* buildings, then a complete street-list with every building used for habitation or employment, will be placed on record, in order to show the sanitary arrangements of each and all of them, together with the number, sex, age and nationality of the occupants.

Many portions of the city are in a poor sanitary condition from lack of proper drainage, and this department caused the laying of new street sewers in certain crowded districts of the 5th, 6th and 14th wards; also compelling the property owners to make proper sewer connections with their houses. In one district in the vicinity of the lime kilns in the south-western portion of the city, a population of 6,500 persons was benefitted through such improvements

18,438 places of employment (factories, stores, etc.,) were visited and detailed statistical written reports filed as required by law.

The employment of children under fifteen (15) years of age for more than eight hours a day is forbidden by ordinance, and the employers in factories comply with this requirement generally throughout the city. Improvements of a permanent character were effected in 4,229 buildings of all classes, and included the con-

struction, repairs and cleaning of catch-basins, trapping and ventilating of house-drains, sewers, soil and waste pipes, ventilating bed rooms, work rooms, bath and water-closet rooms, supplying light and ventilating shafts, providing adequate water supply to tenements and factories, supplying proper "traps" for plumbing and drain pipes, guarding dangerous machinery, providing proper egress for factory employes, removing dangerous material from rooms occupied by factory employes, and many others of a miscellaneous character, but not specially named in the inspector's reports. Very many more improvements were effected through verbal suggestions of the inspectors and which were not placed on the books of record.

A considerable number of suits were brought against violators for non-compliance with the written notices served by inspectors, but the *ratio* of these suits is decreasing each year.

However satisfactory this work may have been (and the constant decrease in the mortality rate is one proof of the satisfactory results) there is yet much to be done, when it is known that there are 70,000 dwellings [U. S. census of 1880 reports 61,069,] and more than 25,000 places of employment, all of which should be regularly examined at stated intervals, as the law provides, by a competent officer of this department who should compel the proper persons to immediately remedy all insanitary defects.

The most varied and complicated work of the inspectors is in the dwellings and tenement houses, more than four thousand of which have been examined and much improved during the year. Nearly all of these houses were located in the so-called "patches" and required the constant attention of all the inspectors for the greater part of the year. As there are about eleven thousand tenement houses in the city, it will readily be seen that there should be provided at least one inspector for each ward in order to carry out the provisions of the ordinances throughout the city, which covers an area of 36 square miles and contains a population of 650,000, with a yearly increase of 30,000.

Section 1352 of the municipal code requires a record to be kept, and an annual report to be made to the City Council which shall specify:

1. Number of males and females of all ages employed, also number of boys and girls under fifteen years of age employed.

2. The number of violations of this ordinance regulating the sanitary supervision of all places of habitation and employment, and the number of abatements, with detailed account of improvements effected.

3. General and special sanitary condition of all people in labor or service in factories, workshops, stores, warehouses, elevators, yards and domestic workrooms.

4. Number and kind of dangerous and unhealthy employments, and diseases of the several trades and occupations.

5. Statistics of labor, wages and cost of living, in connection with the several trades and occupations specified in the reports of the factory and tenement house inspectors.

Such reports shall be printed as public documents for the information of the people.

This requires the work of a competent recorder of statistics to classify all these reports, notices, and suits entered by the inspectors, and enter them in proper books of record, also to make weekly and quarterly reports, etc.

In the greater number of buildings erected as habitations for the working classes, the rooms are generally much too small, and the City Council should limit, by ordinance, the size of living and sleeping rooms as to cubic air-space and floor-space for each occupant, to guard against preventable sickness from over-crowding.

Thousands of frame houses of all sizes have, in course of time, become untenantable through sagging of sills, doors, window frames, and other parts, also rotting of wooden floor-timbers, replaced too near the ground, fouling of wooden drains and from other causes, exhausting the vitality of the occupants by exposure to the ele-

ments at all times in a manner which, in many instances, is far more debilitating on the human system than the work which affords a living. We have no ordinance compelling the thorough repairing of these old rookeries, shanties and dwellings, so as to prevent the draught through the countless openings made by broken plaster, floors, window glass and "improperly fitted doors and windows," and an ordinance covering this defect should be enacted without unnecessary delay.

The *Act* of May 30th, 1881, for the "Regulation and inspection of tenement and lodging houses and other places of habitation," declares in section 3: that, "it shall be unlawful for any plumber or other person or persons to cover up or in any way conceal such plumbing work in or about such building or buildings until the Health Commissioner approves of the same," and makes the penalty for violation a fine of from one to two thousand dollars for each offense. There is not a shadow of doubt but that this *Act* has been of almost inestimable value to this department in *preventing* the construction of permanent insanitary conditions, and also the means of improving the standard of the plumbing work of this city fully one hundred per cent; but this *Act* should be so amended as to compel all plumbing to be placed, whenever practicable, in sight at all times and always easily accessible. This would encourage the plumbers to perform better work and to use better material; it would also educate the general

public to know good work and material when seen; it would greatly improve the sanitary condition of the habitations, it would facilitate repairs and save much vexatious delay in locating leaks, stoppages, and many damaging defects in the prevailing present method of concealed and mysterious plumbing. At the date of the passage of this *Act*, it was the prevailing habit among many plumbers to conceal a waste or service pipe whenever it was possible to do so, thus offering an opportunity to apply almost worthless work, and still worse material, and providing, in course of time, a sure means of seriously damaging the building in which it was placed, and making of the whole a complete mystery to any except the person who planned and executed the plumbing work. And this was done, first, because the owner desired to have the work performed as cheaply as possible, meaning perhaps for as little money as possible for what *he* deemed good work, said owner not having a knowledge of *good* work when seen or described; also because the competition among the contracting plumbers was so vigorous as to *seem* to make it necessary to apply the very cheapest material and workmanship in order to leave a living margin for themselves.

Section 2 of this Act provides that, "it shall be the duty of any plumber * * to receive instructions from the Health Commissioner before commencing the work in said buildings, etc., but these instructions relate

only to the *method* of doing the work. This section should be so amended as to regulate the *material* used, at least to the extent that it shall be sufficient in size, strength and quality.

The state laws or city ordinances or both should be so amended as to provide for metal sewer or drain pipes for conducting the usual sewerage of all places of habitation to some point outside the building walls; said drain pipes to be in full view at all times, and in no instance to be buried in the earth or in any way concealed or covered up.

In cases where a cellar or excavation of any kind shall be deemed desirable, it would necessitate a double system of drains for sub-soil and storm-water drainage, both of which could be properly connected at some point outside the building walls. However, if the metal system had proper capacity (which would greatly increase the cost) the surface and storm-water and usual sewerage of premises could be discharged into street sewer through this system, and the sub-soil drains could discharge into properly constructed gravel or sand wells or trenches. Too little attention is given to sub-soil drainage in large cities, where the earth is necessarily impregnated with filth, dangerous to health.

I believe, that next to the four outside walls of a building the drainage is the most important, for without proper drainage any city building is practically unfit

for human habitation. The ordinance relating to drainage should be so specific as to provide for not only the natural sewerage of a building and the storm-water falling upon it and the connecting grounds, but should also provide for the sub-soil draining of the entire lot covered by the building to a depth of two or more feet below the foundation walls. Proper provisions should be included to prevent the construction of walls in such manner as to become damp from the foundation upwards. Damp air and ground air should never enter a building to fill it with a disagreeable stuffy odor, which is alike unpleasant and dangerous to the health of the occupants. Another and not the least defect in the construction of house drainage in this city is the universal arrangement of constructing one or more grease receiving basins for each building.

These are usually constructed of brick in a careless manner, and rarely if ever water tight, thus permitting the surrounding earth to become thoroughly saturated with the vilest filth. I can see no good reason for not abolishing these cesspools, which require constant attention and care to remove and bury their accumulating filth, thereby causing a very disagreeable if not dangerous stench for many hours during removal, or if permitted to over-accumulate, the drain becomes choked and the entire sewerage of the premises is necessarily discharged on the surface of the ground *under the building*.

This improvement, if made compulsory by law, would very much improve the general sanitary condition of habitations almost if not quite equally with the abolishment of the construction of privy vaults.

The sewerage from a building of any kind, and especially a place of habitation, should be quickly removed from the premises to a point beyond the drain trap and into the street sewer, to prevent dangerous gasses being generated from decomposing matter found in all drains. Any substance permitted to enter a private sewer or drain should never be retained in a "catch-basin" or cesspool a long enough time to allow it to become a mass of putrid decomposition, for this is the principal creator of sewer gas in houses. There is but one proper way to prevent this; that is, to prevent the accumulation, by prohibiting the construction of such cesspools, each with a capacity of several hundred pounds of filth.

Much thought and attention has been given to the proper housing of the renting public and more especially the working classes, such as clerks, book-keepers, mechanics, etc. The great expense precludes the erection of *small* tenement quarters provided with modern conveniences and thorough, necessary sanitary arrangements, except in large blocks.

And for many other reasons this would seem to be at least a partial solution of the problem of "what can best be done to provide proper homes for the renters?"

The practical application of this theory would appear in the plan of a model tenement block, similar to the following:

Taking a piece of ground, say 125 x 125 feet running to an alley, there could be erected thereon a large fire-proof building in the form of a hollow square, and composed of a basement or cellar for storage purposes and heating and laundry apparatus; next, a high story for stores, shops, etc., with dwelling apartments in rear; then four or more stories to be used exclusively for tenement apartments, the top or attic story to be used for storage and drying rooms, or play rooms for children if desired. Such a building could be constructed in such a manner as to provide external light and ventilation for each and every room. The apartments to be so divided as to provide from two to four rooms with necessary closets for each family.

The water closets could be erected in tiers, (4 in number) one over another, with external light, and an adequate shaft artificially ventilated. A strong but airy iron balcony could encircle the large court at each floor, with connecting iron stairs for escape from fires or other accidents.

Suitable and sufficient elevators could be provided for use of occupants and for elevating fuel, etc. A janitor-engineer would have entire care and control of the entire building, to see that all its several mechanical parts were kept in perfect working order.

A building of this character, as compared with the present three-story tenement house, would produce a revenue in excess of the old style building exactly in amount to all rents received *above* the third story, and all these fourth and higher stories occupy the *same* ground as the lower ones, and therefore cost nothing for that item of expense.

By the use of elevators, the upper apartments are quite as accessible as the lower ones, and the building being fire-proof, makes them quite as safe and certainly more desirable and pleasant, because of better light and air, and by being far removed from the dust, noise and bustle of the adjoining street.

In the present style of tenement building without a janitor's care, much trouble is caused to owners and occupants through careless and malicious actions of an insanitary character; but which would be obviated in a large tenement block where *all* arrangements in common use by tenants are under the supervision of a competent person responsible to the owner, which owner is responsible to the health authorities. Such tenement blocks should be erected in or within easy distance of the commercial and manufacturing centres, to save expense of transportation to the employes, and also the time of going and coming to and from their places of employment; also that his family may have proper police protection and live within a reasonable distance from schools.

The moral benefits derived from the construction of such tenement blocks, with the privacy they afford to each and every family, can hardly be over-estimated, when taken into connection with the more cleanly personal habits to be obtained under these healthful surroundings.

The sense of shame becomes blunted in overcrowded, filthy, and ill arranged apartments, and children become exposed to bad examples, which are apparently easier to follow than good precepts. It would seem proper that our large employers of labor should start this new departure in building tenement blocks for their multitudes of employes who would gladly remain their tenants.

The builders of these large blocks would greatly benefit the community at large by compelling the owners of inferior buildings to improve them to a proper standard of comfort and accommodation.

Respectfully,

W. H. GENUNG,

Chief Inspector.

NOTE.—I herewith append the report of the Recorder of Statistics, in regard to labor, wages and cost of living, as required by ordinance.

This statement is made in general propositions, expressing the results from a large number of comparisons in detail, which to elucidate by facts and figures would require the space of a goodly sized pamphlet.

W. H. G.

SUMMARY REPORT OF TENEMENT AND FACTORY INSPECTORS, 1884,

Showing the whole number of examinations made in each class of work, separately with number and sex of persons employed in or occuying premises examined.

	No.
Factories and workshops examined	8,808
Stores examined	9,163
Miscellaneous places of employment examined	3,248
Total examinations made	21,219
Number of males employed	217,335
Number of females employed	46,196
Number of boys under 15 years employed, (in stores)	619
Number of girls under 15 years employed, "	346
Total number of persons employed in above places	263,531
Notices served in factories, etc	421
Tenement houses examined	4,394
Rooms in said houses	42,904
Families in said houses	10,445
Males " " "	24,817
Females " " "	23,526
Boys under 15 years	7,755
Girls " 15 "	7,822
Total number of persons occupying said tenement houses	48,343
Notices served in above houses	2,670
Special examinations in factories, workshops, etc.	483
Notices served for the same	346
Special examinations made in habitations	1,932
Notices served for the same	1,341

TENEMENT AND FACTORY INSPECTORS' REPORT OF IMPROVEMENTS EFFECTED IN OTHER THAN NEW BUILDINGS, 1884.

	No.
Defective plumbing repaired	550
Traps supplied (where none previously existed)	296
Ventilation applied to waste and soil pipes	290
Ventilation applied to rooms	236
Ventilation applied to workshops	79
Defective drains, sewers, etc., repaired	658
New sewers constructed and connections made	392
Catch-basins built in place of old ones abolished	54
Catch-basins cleaned	505
Privy vaults cleaned	1,160
New privy vaults constructed	51
New water closets constructed	95
Houses lime-washed	250
Leaky roofs repaired	71
Machinery protected (because of danger to employes)	190
Filthy bedding destroyed	158
Filthy bedding renovated	256
Uninhabitable basements cleared of occupants	15
Filthy premises cleaned	970
Total	6,276

TENEMENT AND FACTORY INSPECTORS'

REPORT OF TRADES & OCCUPATIONS,

WITH

NUMBER AND SEX OF PERSONS EMPLOYED.

1884.

KIND OF BUSINESS OR OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15. Boys.	Under 15. Girls.
Agricultural implements	6	25	---	31	3200	3200	---	55	---
Artificial limbs and trusses	6	10	---	16	110	45	65	---	---
Artists' materials and works	---	17	---	17	70	55	15	---	---
Auctioneers	---	10	---	10	120	120	---	---	---
Awnings, tents and sails	18	---	---	18	300	140	160	---	15
Axle grease	5	---	---	5	65	60	5	5	---
Baby carriages and toys	8	4	---	12	430	390	40	---	---
Bags, (paper and gunny)	16	---	---	16	190	75	115	25	35
Bakeries, mfg and wholesale	30	---	---	30	610	500	110	45	---
Bakeries and retail dealers	190	80	---	270	1115	705	410	---	---
Barbed wire	6	---	---	6	410	410	---	---	---
Barber shops	650	---	---	650	1850	1850	---	175	---
Barbers supplies	9	---	---	9	160	145	15	---	---
Baskets	4	3	---	7	170	160	10	45	---
Bedding and mattresses	26	---	---	26	300	250	50	62	---
Bellows	2	---	---	2	15	15	---	---	---
Belting, (leather and rubber)	3	10	---	13	210	210	---	---	---
Bicycles and velocipedes	1	2	---	3	80	80	---	---	---
Bill posters	---	---	3	3	30	30	---	---	---
Billiard tables	5	---	---	5	700	700	---	---	---
Bird stores	---	6	---	6	20	15	5	---	---
Blacksmiths and horseshoers	260	---	---	260	990	990	---	---	---
Boat builders	7	---	---	7	40	40	---	---	---
Boilermakers and supplies	25	10	---	35	510	510	---	---	---
Bolts	2	1	---	3	125	125	---	---	---
Bookbinders	40	---	---	40	1010	450	560	65	95
Booksellers and stationers	---	140	---	140	500	400	100	45	5
Boots and shoes, mfg and wholesale	46	20	---	66	2700	2400	300	85	45
Boots and shoes, mfgs and retailers	300	500	---	800	1900	1700	200	65	---
Bottle dealers	---	7	---	7	25	25	---	---	---
Bottling establishments	20	5	---	25	525	525	---	---	---
Boxes, (paper)	13	---	---	13	500	150	350	35	65
Boxes, (wood)	16	---	---	16	725	725	---	95	---
Brackets	7	---	---	7	100	90	10	---	---
Brass founders and finishers	22	---	---	22	900	900	---	45	---

TENEMENT AND FACTORY INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15. Boys.	Under 15. Girls.
Breweries and branch depots	21	18	---	39	950	950	---	---	---
Brickmakers	68	---	---	68	3500	3500	---	110	---
Brick, lime, cement and drain pipes.	5	20	---	25	450	450	---	---	---
Bridge and car builders	3	10	---	13	1200	1200	---	---	---
Brooms and broom corn	15	13	---	28	200	200	---	15	---
Brushes	20	10	---	30	160	150	10	25	---
Burial cases & undertakers' supplies	5	5	---	10	250	200	50	---	---
Butterine and oleomargarine	18	---	---	18	450	400	50	---	---
Buttons	2	---	---	2	20	10	10	---	---
Calcium light	2	---	---	2	35	35	---	---	---
Candles	2	---	---	2	120	80	40	---	---
Cans and tanks, (shipping)	3	---	---	3	70	70	---	---	---
Carpenters and builders	---	---	450	450	10000	10000	---	---	---
Carpet cleaners	18	---	---	18	120	110	10	---	---
Carpets and oil cloths	---	9	---	9	60	60	---	---	---
Carpet weavers	16	---	---	16	60	55	5	---	---
Carriages and wagons	180	---	---	180	2000	2000	---	90	---
Carvers	7	---	---	7	50	50	---	---	---
Car wheels	4	---	---	4	600	600	---	---	---
Chain belts	2	---	---	2	45	45	---	---	---
Chains	3	1	---	4	100	100	---	---	---
Charcoal	---	---	4	4	12	12	---	---	---
Cheese	2	13	---	15	65	65	---	---	---
Chemical works	13	---	---	13	150	150	---	---	---
China, crockery and glassware	---	110	---	110	450	325	125	---	---
Cider	2	4	---	6	25	25	---	---	---
Cigar boxes	8	---	---	8	150	90	60	30	15
Cigars, mfg and wholesale	60	30	---	90	1800	1550	250	70	25
Cigars, makers and retailers	350	450	---	800	2050	1500	550	110	35
Cloaks and suits	24	10	---	34	4500	550	3950	---	155
Clothes wringers & laundry mach'y	7	---	---	7	110	110	---	---	---
Clothing, mfg and wholesale	250	50	---	300	12000	4000	8000	400	590
Clothing, makers and retailers	750	200	---	950	4000	3500	500	310	210
Coal and wood	---	---	350	350	1200	1200	---	---	---
Coffee, tea and spices	13	47	---	60	400	250	150	90	45
Commercial agencies	---	---	4	4	250	100	150	---	---
Commission merchants and brokers	---	520	300	820	5600	5200	400	---	---
Confectioners, mfg and wholesale	20	---	---	20	900	350	550	90	150
Confectionery and fruit, retail	---	330	---	330	650	300	350	---	---
Coopers	51	---	---	51	700	700	---	---	---
Copper, tin and sheet iron	36	---	---	36	250	250	---	---	---
Cords and tassels	6	---	---	6	300	150	150	10	25
Corks, bungs and faucets	4	1	---	5	85	50	35	10	15
Cornices	26	---	---	26	400	400	---	---	---
Corsets	18	---	---	18	410	110	300	---	35
Costumers	4	---	---	4	45	10	35	---	---
Curled hair	---	3	---	3	25	25	---	---	---

TENEMENT AND FACTORY INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15. Boys.	Under 15. Girls.
Cutlers and grinders	8	---	---	8	190	175	15	35	---
Dentists' supplies	---	5	---	5	35	30	5	---	---
Dies and stencils	7	---	---	7	75	75	---	---	---
Distillers and rectifiers	78	---	---	78	790	790	---	---	---
Docks and shipyards	7	---	---	7	360	360	---	---	---
Dressmakers	800	---	---	800	2750	---	2750	---	---
Drugs and dye stuffs, mfg &whol's'e	---	23	---	23	510	510	---	50	10
Druggists	---	360	---	360	810	810	---	---	---
Dry goods and notions	5	350	---	355	6900	3900	3000	150	110
Dyers and scourers	45	---	---	45	160	130	30	---	---
Elbows	1	---	---	1	15	15	---	---	---
Electric apparatus	19	---	---	19	600	500	100	---	---
Elevators, (grain)	---	---	30	30	500	500	---	---	---
Engravers	45	---	---	45	250	250	---	---	---
Express companies	---	---	5	5	950	950	---	---	---
Fancy and variety goods	---	310	---	310	1550	430	1120	20	120
Feather dusters	8	---	---	8	150	20	130	---	25
Feathers	6	---	---	6	50	40	10	---	---
Files	9	---	---	9	60	60	---	---	---
Fire apparatus	6	---	---	6	100	100	---	---	---
Fire escapes and stand-pipes	1	---	---	1	26	26	---	---	---
Fish depots and packers	---	17	---	17	150	140	10	10	20
Flavoring extracts and perfumery	7	4	---	11	250	80	170	20	15
Florists and nurseries	---	66	---	66	150	100	50	---	---
Flour, mfg and wholesale	13	30	---	43	300	300	---	---	---
Flour and feed	---	160	---	160	450	450	---	---	---
Foundries, (gray and malleable)	51	---	---	51	3910	3910	---	---	---
Foundry facing and supply	4	---	---	4	20	20	---	---	---
Freighting, (Marine)	---	---	372	372	2390	2690	---	---	---
Frogs, switches and crossings	1	---	---	1	50	50	---	---	---
Fruits, green and dried	---	40	---	40	550	550	---	---	---
Furniture, mfg and wholesale	190	---	---	190	8100	8100	---	350	---
Furniture, retail	30	200	---	230	690	690	---	---	---
Furriers	22	---	---	22	560	200	360	20	45
Gas machines and meters	5	---	---	5	25	25	---	---	---
Gas works	---	---	3	3	910	910	---	---	---
Gents' furnishing goods	60	65	---	125	4200	610	3590	45	155
Gilders, (see picture frames)	4	---	---	4	12	12	---	---	---
Glass, (window and mirror)	---	8	---	8	56	56	---	---	---
Glass stainers and decorators	10	---	---	10	195	185	10	---	---
Gloves and mittens	15	5	---	20	400	80	320	10	25
Glucose	1	---	---	1	375	375	---	---	---
Glue and fertilizers	3	3	---	6	400	300	100	25	10
Gold and silver leaf	3	---	---	3	45	25	20	---	---
Grocers, wholesale	---	40	---	40	1290	1290	---	---	---
Grocers, retail	---	1940	---	1940	5910	3810	2100	---	---

TENEMENT AND FACTORY INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15, Boys.	Under 15, Girls.
Gun powder	---	9	---	9	30	30	---	---	---
Guns, pistols, etc	9	10	---	19	75	70	5	---	---
Hair goods	20	45	---	65	350	125	225	---	25
Hardware and cutlery, wholesale	---	17	---	17	750	750	---	50	---
Hardware, stoves and tinware, retail	---	220	---	220	950	950	---	---	---
Harness, saddlery & horse clothing	120	10	---	130	1010	800	210	45	30
Hats, caps and furs	20	90	---	110	750	350	400	25	---
Heating and ventilating apparatus	9	3	---	12	410	410	---	---	---
Hides, tallow and wool	---	50	---	50	390	390	---	---	---
Hoisting machines	12	---	---	12	360	360	---	---	---
Hops, malt and barley	21	4	---	25	450	450	---	---	---
Horse nails	2	3	---	5	50	40	10	---	---
Hosiery and knit goods	15	5	---	20	360	60	300	10	80
Hotels and restaurants	---	---	510	510	6800	3100	3700	---	---
Ice dealers	---	---	15	15	650	650	---	---	---
Inks, (writing and printing)	10	1	---	11	80	60	20	---	---
Iron, nails, steel and heavy hardw'e	---	10	---	10	295	295	---	---	---
Iron and steel rails	3	5	---	8	6500	6500	---	---	---
Iron works	40	---	---	40	750	750	---	65	---
Japanners	2	---	---	2	20	20	---	---	---
Jewelers and watchmakers	50	220	---	270	980	980	---	---	---
Junk dealers, and second hand deal's	---	155	---	155	550	410	140	---	---
Labels and tags	---	5	---	5	35	35	---	---	---
Laces, embroidery and ruching	5	20	---	25	200	55	145	---	---
Ladders	3	---	---	3	20	20	---	5	---
Lamps, lanterns and signals	17	---	---	17	215	215	---	40	---
Lard and lard oil	4	---	---	4	890	680	210	110	70
Lasts	4	---	---	4	41	41	---	---	---
Laundries	850	---	---	850	2950	1200	1750	---	55
Lead pipe and sheet lead	4	---	---	4	35	35	---	---	---
Leather, findings and leather goods.	5	30	---	35	390	295	95	---	---
Lightning rods	2	1	---	3	60	60	---	---	---
Lithographers	20	7	---	27	260	250	10	25	---
Livery stables	---	---	170	170	550	550	---	---	---
Locksmiths and bell-hangers	45	---	---	45	110	110	---	15	---
Lumber	---	---	240	240	5530	5530	---	---	---
Lye	3	---	---	3	20	10	10	---	---
Macaroni	1	---	---	1	10	4	6	---	---
Machinists and machinery	90	50	---	140	3550	3550	---	95	---
Map and chromo printi'g & mount'g	16	---	---	16	80	50	30	10	5
Marble and stone	---	---	50	50	1550	1550	---	---	---
Matches	---	1	---	1	3	3	---	---	---
Meat markets	---	830	---	830	2160	1610	550	---	---
Metals and metallic goods	6	6	---	12	210	210	---	---	---
Milk depots	---	---	405	405	1650	1300	350	---	---
Mill furnishing	18	---	---	18	210	210	---	---	---
Millinery and straw goods	10	220	---	230	2050	550	1500	---	110

TENEMENT AND FACTORY INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15. Boys.	Under 15. Girls.
Music and musical instruments	20	20	--	40	1050	990	60	25	---
Newsdealers	---	70	--	70	590	505	85	350	---
Newspapers and publishing	300	--	--	300	2850	2610	240	190	---
Opticians	15	---	--	15	40	40	----	---	---
Oyster depots	---	15	--	15	125	125	----	---	---
Packing and slaughtering houses	45	---	--	45	12500	12300	200	150	---
Painters	290	---	--	290	2350	2350	----	---	---
Paints, oils and glass	40	85	--	125	750	750	----	95	---
Paper dealers	---	30	--	30	250	250	----	15	---
Patterns and models	21	---	--	21	70	70	----	5	---
Patterns, (paper)	5	---	--	5	12	12	10	---	---
Paving, etc.	---	---	12	12	1850	1850	----	---	---
Pawnbrokers	---	58	--	58	160	120	40	---	---
Photographers and artists	340	---	--	340	850	645	205	25	---
Photographic apparatus & supplies	2	5	--	7	50	45	5	---	---
Pickles, preserves and fruits	15	5	--	20	350	100	250	15	35
Picture frames and mouldings	90	15	--	105	1310	1210	90	225	---
Pipes, (smoking)	3	---	--	3	10	10	----	---	---
Planing mills	33	---	--	33	2150	2150	----	250	---
Plasters & masons, see Carpenters & Builders	---	---	---	---	---	---	---	---	---
Plasterwork and statuary	9	---	--	9	60	60	----	10	---
Plating, (nickel, etc.)	17	---	--	17	110	95	15	---	---
Playing cards and gaming utensils	3	---	--	3	40	25	15	---	---
Plumbers and gasfitters	190	---	--	190	1690	1690	----	210	---
Plumbers' supplies	---	3	--	3	25	25	----	---	---
Pop corn	3	---	--	3	50	15	35	---	---
Printers	230	---	--	230	1550	1300	250	95	---
Provision dealers, see Packing & Slaughte'g	---	16	--	16	150	150	----	---	---
Pumps	17	---	--	17	190	190	----	---	---
Rags	30	---	--	30	910	460	450	20	55
Railroads, (steam)	---	---	20	20	14500	14500	----	---	---
Railroads, (street)	---	---	3	3	3800	3800	----	---	---
Refrigerators	6	---	--	6	125	125	----	5	---
Regalia and banners	3	---	--	3	50	15	35	---	---
Roofing, (gravel, slate, tin, etc.)	34	---	--	34	810	810	----	---	---
Rubber goods	4	13	--	17	200	170	30	20	---
Safes, doors and locks	1	9	--	10	150	145	5	---	---
Salt	---	9	--	9	50	50	----	---	---
Sand	---	---	3	3	65	65	----	---	---
Sash, doors and blinds	50	---	--	50	1775	1775	----	250	---
Saws	7	---	--	7	60	60	----	---	---
Scales	5	4	--	9	110	110	----	15	---
Screens	2	---	--	2	90	90	----	---	---
Seeds	---	10	--	10	250	40	210	---	45
Sewer builders	---	---	23	23	1250	1250	----	---	---
Sewing machines and attachments	10	60	--	70	875	675	200	50	---
Sewing silks and cotton	---	10	--	10	65	60	5	---	---

TENEMENT AND FACTORY INSPECTORS' REPORT.—Con.

KIND OF BUSINESS AND OCCUPATION.	Factories.	Stores.	Miscellaneous.	Total.	Total Employed.	Males.	Females.	Under 15. Boys.	Under 15. Girls.
Ship chandlers	----	6	----	6	50	50	-----	----	----
Shipsmiths	5	----	----	5	40	40	-----	----	----
Shoe blacking	2	----	----	2	15	5	10	----	----
Shoddy	3	----	----	3	100	65	35	5	----
Shot factory	1	----	----	1	17	17	-----	----	----
Show cases	15	----	----	15	210	210	-----	25	----
Sleeping cars	1	----	----	1	2100	2100	-----	----	----
Soap	4	16	----	20	950	850	100	80	25
Springs, (cars & wagons)	4	8	----	12	75	75	-----	----	----
Starch	----	6	----	6	30	30	-----	----	----
Stereotyp's & electrotyp's	12	----	----	12	250	250	-----	15	----
Stoves, mfg & wholesale	20	12	----	32	950	950	-----	45	----
Suspenders	6	2	----	8	50	24	26	----	5
Syrup and molasses	----	10	----	10	60	60	-----	----	----
Tanks and cisterns	5	----	----	5	45	45	-----	----	----
Tanners and curriers	20	----	----	20	1550	1550	-----	60	----
Tanners' supplies	----	2	----	2	10	10	-----	----	----
Team'g, om'bus & cab	----	----	----	---	5800	5800	-----	----	----
Tele'ph and telep'ne Co.	----	----	6	6	1250	1050	200	70	----
Terra cotta	2	2	----	4	150	150	-----	15	----
Theatres & amusements	----	----	190	190	850	800	50	----	----
Tin foil and bottle caps	1	----	----	1	25	14	11	5	----
Tin, stam'd & jap,d ware	30	----	----	30	1410	1250	160	180	15
Tobacco	5	35	----	40	1050	400	650	50	70
Trunks	15	6	----	21	350	350	-----	15	----
Turning, wood and ivory	18	----	----	18	95	95	-----	----	----
Type and type foundries	5	4	----	9	450	325	125	80	40
Umbrellas and parasols	10	2	----	12	25	20	5	----	----
Undertakers	----	95	----	95	310	240	70	----	----
Upholsterers	34	----	----	34	250	240	10	25	----
Vaults and sky lights	3	----	----	3	50	50	-----	----	----
Veneers	4	----	----	4	15	15	-----	----	----
Vinegar	17	----	----	17	110	110	-----	----	----
Wall paper & win'w shade	4	40	----	44	390	390	-----	15	----
Warehouses and storage	---	----	17	17	140	140	-----	----	----
Watch cases	3	9	----	12	275	275	-----	5	----
Whips	3	----	----	3	15	10	5	----	----
Willow and wooden ware	----	15	----	15	250	250	-----	25	----
Wines and liquors, whol.	----	110	----	110	590	590	-----	----	----
Wire goods	18	----	----	18	250	250	-----	5	----
Wood carpets	4	----	----	4	25	25	-----	----	----
Woolen and linnen goods	----	12	----	12	175	175	-----	----	----
Wrought iron pipes	5	----	----	5	450	450	-----	----	----
Yarns	----	8	----	8	20	15	5	----	----
Yeast	5	3	----	8	45	45	-----	----	----
	8605	9197	3185	20987	247162	201459	45703	6147	2760

DAILY WAGES PAID IN THE SUMMER AND FALL OF 1884.

Awnings and sails, $1.50–2.50; bags, $1.50–2.00; bakeries, $1.50–3.00; barbed wire, $1.50–1.75; barbers, $2.00–3.00; baskets, $1.50–2.00; bedding and mattresses, $1.50–2.25; bill posters, $2.00–2.50; bicycles, $2.50; billiard tables, $1.50–2.50; blacksmiths and horse shoers, $2.50–3.50; boat builders, $1.75–3.00; boilermakers, $2.75–3 00; bolts, $1.50–1.75; bookbinders, $2.00–3.00; bottling establishments, $1.50–2.00; paper boxes, $1.50–2.00; wooden boxes, $1.50–2.00; brass works, $2.25–3.00; breweries, $1.50–2.50; brick-makers, $2.00–3.00; pressed brick, lime, asphalt pavement, etc., $1.25–2.25; brooms, $1.50–2.00; brushes, $1.50–3.00; burial cases and undertakers' supplies, $2.00–2.25; carpenters, $1.50–3.00; carpet sewers and layers, $1.50–3.00; carriages and wagons, $1.25–3.00; carvers, $3.00; chains, $2.50–3.00; chemical works, $1.25–2.25; cigar boxes, $1.25–2.00; cigar makers, $1.50–3.00; cigar packers, $4.00–5.00; cloaks and suits, $1.25–2.25; clothing and tailoring, $1.00–3.00; coal and wood, $1.50–4.00; coffee, tea and spices, $1.50–2.00; confectioners, $1.25–3.00; coopers, $1.00–2.00; copper, tin and sheet iron, $2.00–3.00; cords and tassels, $1.50–2.00; cornices, $2.00–300; cutlers and grinders, $1.50–2.00; distillers, $2.00–3.00; drug mills, $1.50–2.50; druggists, $2.00–4.00; elbows, $2.00; electric apparatus, $2.00–3.00; engravers, $2.00–5.00; feathers, $1.50–2.00; files, $3.00–4.00; fire extinguishers, $2.00–2.50; fish packers, $2.00–2.50; flavoring extracts and perfumery, $1.50–2.00; florists and nurseries, $1.00–2.50; flour mills, $1.50–2.50; founderies, $1.50–3.00; freighting, $2.00–3.00; frogs, switches and crossings, $2.00–3.00; furniture workers, $1.50–3.00; furriers, $2.00–3.00; gas works, laborers, $1.75, helpers, $2.50, firemen, $2.75; gents' furnishing goods, $1.00–3.00; glass stainers and decorators, $2.50–3.00; gloves and mittens, cutters, $2 00–3.00, sewers, $1.00; glucose, $1.75; glue and fertilizers, $1.25–2.00; gold and silver leaf, $2.00–2.50; gun-makers, $2.25–3.00; hair-workers, $2.00–3.00; hardware and cutlery, $1.50–3.00; harness and sadlery, $1.50–2.00; hats, caps and furs, $2 00–3.00; heating and ventilating apparatuses, $2.50–3.00; hides, tallow and wool, $1.50–2.00; hoisting machines, $2,25–3.00; hosiery, $1.00–2.00; hotels and restaurants, $1.00–3.00; ice deliverers, $1.50–2.00; iron and heavy hardware, $2.00–2.50; iron works, $1.50–3.00; japanners, $2.00–3.00; jewelers and watchmakers, $2.00–3.00; laces and embroidery, $1.00–2.00; ladders, $1.25–2.00; lamps, $1.25–2.50; lasts, $2.50; laundries, $1.00–1.50; lead pipes, $1.75–2.50; leather goods, $2.00–2.50; lithographers, $2.50–5.00; livery stables, $1.50–2.00; locksmiths, $1.50–3.00; lumber shovers, $1.50–1.75; machinists, $2.25–3.00; marble cutters, $2.50; meat markets, $2.00–2.50; metallic goods, $1.50–3.00; millinery and straw goods, $1.00–2.50; musical instruments, $2.00–3.00; packing and slaughtering, $1.25–3.00; painters, $1.50–3.00; paints, oils and glass, $1.50–2.50; patterns and models, $2.00–3.50; paving, $1.50–3.00; photographers and artists, $2.50

–5.00; pickles and preserves, $1.00–1.50; frames and mirrors, $1.25–3.00; planing mills, $1,75–2.00; plasterers, masons and bricklayers, $4.00; ornamental plaster work and statuary, $2.00–4.00; plating, $2.00–3.00; plumbing, $3.00–4.00; gas fitters, $3.00; printers, $2.00–3.00; roofing, $1.25–2.50; rubber goods, $1.50–2.50; sailors, $1.50–2.50; sash, doors and blinds, $1.50–3.00; saws, $1.50–2.00; scales, $2.00–3.00; screws, $1.25–2.50; seeds, $1.00–2.00; sewer builders, $2.50–5.00; shot, $1.25–2.50; soap, $2.00–3.00; stairs, $2.50–3.00 stereotypers and electrotypers, $2.00–3.00; stone cutters, $4.00; stoves, $1.50 –3.50; tanks and cisterns, $2.00; tanners and curriers, $1.25–2.50; teaming, $1.50–2.50; telegraph and telephone operators, $1.50–3.00; tinware, $1.50–2.50; tobacco, $1.50–2.50; trunks, $1.50–2.50; turners, $1.00–2.50; type founders, $2.50–3.00; upholsterers, $3.00; vault lights, $2.00; veneers, $1.50–3.00; vinegar and yeast, $1.50–3.00; ware and storehouses, $1.75–2.25; watch cases, $2.00–3.50; white lead and oil, $1,50–2.50; willow and wooden ware, $1.50–2.00; wine and liquors, $2.00–4 00; wire goods, $2.00–2.50; wrought iron pipes, $3.00–3.25; dry goods, $1.00–3.00.

Wages of females are from 25 to 50 per cent. less than the wages of men in the same trade. Boys and girls earn $1.50 to $3.00 a week in common work, and up to $5.00 a week in skilled work. Young persons as helpers to skilled workers earn $1.00–1.50 a day. Skilled artisans earn ten to twenty dollars a week, according to the kind of work they get. Foremen earn $3.00–5.00 a day. Piece-work is the rule in many factories, influencing wages according to the degree of individual efficiency and length of working hours. The number of employes varies with the working seasons, and some trades are idle for many weeks or months of the year.

*STATEMENT BY WARDS, OF AREA IN ACRES, WITH ESTIMATED POPULATION, LINEAL FEET OF SEWERS, MILES OF STREETS, LINEAL FEET OF SEWERS PER CAPITA, PER ACRE AND PER MILE OF STREETS. DEATHS FROM ZYMOTIC DISEASES AND TOTAL DEATHS. DEATHS PER 1,000 FROM ZYMOTIC DISEASES AND ALL DISEASES. DEATHS IN PUBLIC INSTITUTIONS AND FROM ACCIDENTS.

WARDS.	Area in Acres.	† Estimated Population.	Lineal feet of Sewers.	Miles of Streets.	Lineal feet of Sewers per capita.	Lineal feet of Sewers per acre.	Lineal feet of Sewers per mile of Streets.	Deaths from Zymotic Diseases.	Deaths per 1,000 from Zymotic Diseases.	Deaths in 1884.	Deaths per 1,000 in 1884.
1	477	12,296	89,509	17.03	7.26	187.65	5,255.9	16	1.30	91	¶ 7.40
2	394	17,348	54,802	11.75	3.16	139.09	4,664.0	69	3.93	254	14.64
3	438	19,005	75,462	14.16	3.97	172.29	5,329.2	65	3.46	265	13.95
4	1,070	35,738	154,507	32.43	4.32	144.39	4,764.3	133	3.72	426	11.92
5	2,880	65,177	224,036	82.99	3.59	77.78	2,699.4	462	7.09	1,182	18.13
6	4,242	54,876	177,071	82.92	3.23	41.74	2,135.4	545	9.93	1,553	28.30
7	1,524	46,107	137,612	43.27	2.98	89.64	3,182.6	306	6.63	836	18.15
8	644	41,292	105,471	21.13	2.56	233.64	4,991.5	240	5.81	712	17.24
9	289	21,225	63,937	11.32	3.01	221.23	5,648.1	85	4.00	272	12.81
10	260	18,329	63,279	11.19	3.45	243.37	5,654.9	77	4.20	270	14.73
11	573	26,542	98,508	18.69	3.71	171.92	5,270.2	97	3.66	336	12.66
12	2,401	36,102	212,834	67.39	5.89	88.64	3,291.7	145	4.02	479	13.26
13	1,440	26,078	105,058	42.93	4.03	74.34	2,447.2	144	5.52	421	16.14
14	3,277	81,380	220,830	91.53	2.71	67.38	2,412.6	701	8.61	1,776	21.82
15	1,109	39,962	154,865	33.23	3.88	139.64	4,660.4	269	6.73	701	17.54
16	535	30,050	75,523	17.98	2.51	141.16	4,200.4	170	5.66	527	17.54
17	384	31,252	64,655	12.97	2.07	168.38	4,984.9	190	6.08	495	15.84
18	561	27,226	107,300	20.71	3.94	191.27	5,181.0	73	2.68	267	9.81
	22,498	629,985	2,185,259	633.62	3.47	97.18	3,448.8	3,787	6.01	10,863	17.24
Deaths in Public Institutions and from accidents										1,608	2.55
Total deaths in 1884, and deaths per 1,000 of population										12,471	19.80

* Much of this table was taken from the annual report of Mr. O. H. Cheney, Supt. Sewerage Department. † Taken from School Census of July 1884.
¶ This is not a resident ward, but devoted to business and manufacturing.

REPORT

OF THE

REGISTRAR OF VITAL STATISTICS.

To Oscar C. DeWolf, M. D.,

Commissioner of Health:

Sir:—I have the honor to present herewith the following annual report for the year ending December 31, 1883.

There occurred during the year 11,555 deaths—a weekly average of 222. Of this number there were born in Chicago 6,257, and 1,554 elsewhere in the United States. There were 1,423 natives of Germany, 900 of Ireland, 150 of Canada, and 191 of England; 993 were natives of other foreign countries, 1 was born on the Atlantic Ocean, and one on the Mediterranean Sea, and the nativity of 85 were unknown.

Of the decedents, 3,850 were infants under one year of age, and 5,875 were children under five years of

age, making 50.84 per cent. of the total mortality under five years of age. There were 1,121 over sixty years of age, including one over one hundred.

The death rate for the year was 19.26 per 1,000 inhabitants, estimating the population at 600,000.

Respectfully Submitted,

M. K. GLEASON, M. D.,

Registrar.

Deaths, from all Causes, Registered in the City of Chicago during the year ending December 31, 1883:

MORTALITY BY MONTHS.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Class 1—Zymotic Diseases.													
Order 1—*Miasmatic.*													
Carbuncle	---	---	---	---	---	1	---	1	---	---	1	---	3
Cholera Infantum	---	---	8	4	16	65	380	184	70	9	9	6	751
" Morbus	---	---	---	---	1	---	11	8	4	3	---	---	27
Croup	31	19	17	17	15	15	7	6	17	25	28	28	225
Diarrhœa	5	2	10	12	8	17	54	45	38	8	7	13	219
Dysentery	1	1	3	4	1	6	20	16	12	9	1	2	76
Diphtheria	73	34	49	48	37	34	37	45	45	56	60	74	592
Entero Colitis	2	2	1	5	7	7	48	35	19	9	7	4	146
Erysipelas	5	9	11	9	6	2	3	2	1	3	1	6	58
Fever, Cerebro Spinal	20	13	7	9	8	10	7	8	4	9	8	5	108
" Remittent	1	1	4	2	4	1	2	---	---	2	1	1	19
" Scarlet	39	22	35	36	35	30	31	36	36	30	23	47	400
" Typhoid	22	13	17	16	13	17	23	50	44	41	45	60	361
" Typhus	---	---	1	---	---	---	---	---	1	---	---	---	2
" Typho-Malarial	5	5	3	7	4	12	7	5	12	4	5	7	76
Measles	1	3	4	3	8	8	5	2	2	---	3	5	44
Pyaemia	2	3	---	1	1	1	1	2	2	---	1	---	14
Septicæmia	1	1	3	5	7	1	1	---	4	1	4	2	30
Small-Pox	13	10	9	7	4	3	---	---	---	---	---	---	46
Whooping Cough	7	5	10	6	7	9	10	16	12	5	2	3	92
Mumps	1	1	---	---	---	---	---	---	---	---	---	---	2
Thrush	---	---	1	---	1	1	1	2	---	1	---	---	7
Total	229	144	193	191	183	240	648	463	323	215	206	263	3298
Diarrhœal under 5 years	4	3	13	21	30	94	495	272	127	21	20	18	1118
Order 2—*Inoculated.*													
Syphilis-Congenital	1	1	8	2	1	1	1	1	---	---	1	---	17
" Tertiary	---	1	2	---	3	1	2	---	2	---	1	---	12
Total	1	2	10	2	4	2	3	1	2	---	2	---	29
Order 3—*Dietic.*													
Alcoholism—Acute	3	---	2	---	1	---	2	---	---	1	---	---	9
" Chronic	---	4	9	2	7	3	5	2	10	3	7	6	58
Inanition	23	18	35	13	25	15	29	32	22	23	17	15	267
Purpura	---	---	1	---	1	---	---	---	---	---	---	2	4
Opium Habit	---	---	---	---	---	---	---	---	---	---	1	---	1
Order 4—*Parasitic.*	26	22	47	15	34	18	36	34	32	27	25	23	3666
Total	256	168	250	208	221	260	687	498	357	242	233	286	3666

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Class 2—Constitutional.													
Order 1—*Diathetic.*													
Anæmia	1			1		2			1	1		2	8
Cancer	2	2	2	1	1	2		4	3	4	5	1	27
" Face	1									1			2
" Thigh	1		1	1									3
" Breast	1		3	1	4	3	1	1	5	3	3	1	26
" Lip	1							2					3
" Liver	2	2			2	2	2	1		5	2	1	19
" Rectum	1						1		1				3
" Stomach	4	6	6	9	6	5	7	6	5	5	2	5	66
" Uterus	4	4	3	2	3	4	5	5	2	5	1	4	42
" Aesophagus	1	1											2
" Bowels		1	1			2	2	1	1				8
" Neck				2				1			1		4
" Pylorus				1			1		1				3
" Omentum				1			1	1	1		2		6
" Jaw				1	1		1	1					4
" Eye					1							1	2
" Foot						1				1			2
" Larynx		1											1
" Leg							1						1
" Ovary							1						1
" Bladder									1				1
" Tongue									1			1	2
" Lungs											1	1	2
" Mouth											1		1
" Prostate												1	1
Dropsy	5	7	6	2	3	4	4	5	8	6	1	5	56
Marasmus, Senile	4	7	2	5	5	1	2	2	5		1	2	36
" Infantile	10	4	13	19	11	14	16	16	23	14	13	7	160
Rheumatism	6	8	2	13	7	9	6	4	3	1	2	7	68
Lucocythemia	1	2				1	1		2	1			8
Gangrene	1	1					2				1		5
Total	46	46	39	59	44	51	54	50	63	47	36	39	574
Order 2—*Tubercular.*													
Caries of the Vertebræ	1		1	1	2	1	2	1	1	1	1		12
Haemoptysis	1	1	2	1	1	1	3	1	1	4	2	1	19
Hydrocephalus	4	4	5	7	5	3	9	1	4		2	2	46
Hip Joint Disease	1			1	1	1	2		2	1		1	10
Phthisis, Pulmonalis	99	79	94	93	99	71	83	73	94	60	80	91	1016
Rachitis												1	1
Scrofula		3		1	3	1	2	2		1		2	15
Tabes Mesenterica	6	4	3	1	1	2	2	4	3	1	5	3	35
Tubercular Enteritis	1						2				1		5
" Laryngitis	1		1	1	1	1							4

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Tubercular Meningitis	--	2	7	6	4	1	2	1	2	4	3	2	34
Total	114	93	113	112	117	82	107	83	107	72	94	103	1197
Class 3—Local.													
Order 1—*Nervous.*													
Apoplexy, Cerebral	16	14	11	8	16	11	18	11	16	20	9	16	166
Atrophy, Brain	---	1	---	---	---	---	1	---	---	---	---	---	2
Abscess, "	---	---	---	---	1	---	---	---	---	---	---	---	1
Cerebritis	1	2	8	1	1	4	1	2	1	2	2	1	26
Congestion of Brain	2	12	9	12	13	12	10	9	8	7	10	3	107
Convulsions, Infantile	74	80	86	51	60	61	111	75	56	58	55	75	842
Chorea	1	1	1	1	---	---	2	---	---	---	---	---	6
Dementia	---	---	---	---	1	---	---	---	---	---	1	---	2
Encephalitis	5	4	11	3	4	3	8	8	4	6	---	1	57
Epilepsy	---	2	1	2	1	1	1	---	5	1	---	3	17
Exhaustion	---	---	1	---	1	2	---	2	2	---	2	4	14
Hemiplegia	1	1	---	---	1	---	2	---	---	1	---	1	7
Hydrocephalus, Acute	1	---	1	---	1	---	1	1	---	1	1	1	8
Laryngismus, Stridulus	---	---	2	---	---	---	2	2	1	1	---	---	8
Meningitis, Cerebra	27	28	22	28	29	25	36	20	23	20	23	21	302
" Spinal	1	3	2	3	1	1	3	3	1	---	6	2	26
Myelitis	---	---	1	---	2	---	3	---	---	---	---	2	8
Prog'ive locom'tor ataxia	1	---	---	---	2	1	---	1	---	2	---	---	7
Paralysis	12	5	2	9	6	5	4	11	6	5	3	9	77
Softening of Brain	3	4	3	1	5	1	5	1	---	5	3	4	35
Sunstroke	---	---	---	---	---	---	10	---	---	---	---	---	10
Tetanus, Idiopathic	---	---	---	---	2	---	2	---	6	---	---	---	10
" Traumatic	---	---	---	---	2	2	11	2	2	1	1	4	25
Trismus Nascentium	2	1	2	2	---	4	4	1	---	3	4	2	25
Melancholia	---	---	---	---	---	---	1	---	---	---	---	---	1
Syncope	---	---	---	1	---	---	---	---	---	---	---	---	1
Neuralgia	---	---	---	---	---	1	---	---	---	---	---	---	1
Paraplegia	---	---	---	---	---	---	---	---	1	1	1	---	3
Mania	---	1	1	---	---	---	1	---	---	---	---	---	3
Neurasthenia	---	---	---	---	---	---	1	---	---	---	---	---	1
Total	147	159	164	122	149	134	238	149	132	134	121	149	1798
Order 2—*Circulatory.*													
Anginia Pectoris	3	---	---	---	---	1	---	1	1	3	---	1	10
Aneurism	2	---	1	1	1	---	1	---	---	---	---	1	7
Embolism	3	5	1	---	2	2	2	4	2	1	---	---	22
Endocarditis	2	2	1	1	---	2	1	1	---	---	1	1	12
Heart Disease, organic	19	7	18	12	16	14	17	16	24	29	21	9	202
" Fatty Degenera'on	---	5	---	1	---	---	---	1	1	2	---	1	11
" Hypertrophy	1	---	1	1	1	1	---	---	---	1	2	1	9

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Heart, Valvular Disease.	18	9	16	17	16	8	7	18	15	12	13	12	161
Pericarditis	3		1		1	1	2	2	1		1	4	16
Epistaxis	1		1										2
Rupture, Aorta		1											1
Phlebitis							1					1	2
Total	52	29	40	33	37	29	31	43	44	48	38	31	455
Order 3—*Respiratory.*													
Asthma	4	3	4	8	3	1	4	1	2		1	3	34
Bronchitis	31	26	34	27	23	13	13	13	19	28	16	28	271
" Capillary	24	14	18	26	20	11	7	7	11	7	9	18	172
Emphysema	1	1	3		1					1	1	1	9
Empyema	2	1	2		1	1		3				1	11
Hydrothorax		1			1		1						3
Laryngitis	1	2		1	1			2		3	1	1	12
Oedema, Lungs	1			2	1	2	1	1	1				9
" Glottis	2												2
Pleuritis	1	2	3	1		1		1	3		2	1	15
Pneumonia	74	87	70	78	60	31	23	34	37	46	54	73	667
" Broncho	4	2	2	5	1		1	1					16
" Pleuro	3	3	1	2	2								11
Congestion of Lungs	9	13	13	5	5	6	5	5	5	8	4	4	82
Tonsilitis		1				2	1		2				6
Total	157	156	150	155	119	68	56	68	80	93	88	130	920
Order 4.—*Digestive.*													
Abscess of Liver		1				3	2	1		2			9
Cirrosis, Liver	7	7	4	7	8	10	2	3		7	7	5	67
Calculus, Biliary	1												1
Colica									1				1
Dyspepsia		1		1	1	1	2	3		1			10
Enteritis	9	6	13	17	10	9	24	16	9	9	4	14	140
Enteremphraxis		6	2	2		1	1				3		15
Gastro, Enteritis	3		10	10	14	25	65	25	19	12	5	7	195
Gastritis	4	2	9	9	13	5	8	10	6	4	5	5	80
Hæmatemesis	1	1	1	1		1				2		2	9
Hepatitis		2		5	4	2	7	2	1	6	5		34
Pharyngitis						1							1
Hernia	2		1	4	3	1		2		1	2		16
Intussusception	2			1	1	1	1	2	2	1	4	2	17
Jaundice	1	3	2		1		5	1		1		1	15
Peritonitis	14	10	9	11	11	12	7	2	5	13	5	6	105
Stomatitis							1				1	1	3
Typhlitis					2	3	1				1		7
Ulceration of Stomach				2				1		2	3		8
" " Bowels		2	2					2	1	1	2	1	11

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Splenitis	---	---	---	1	---	---	---	---	---	---	---	1	2
Diaphragmitis	---	---	---	---	---	---	---	---	1	---	---	---	1
Total	44	41	53	71	68	75	126	70	45	62	47	45	747
Order 5.—*Urinary.*													
Bright's Disease	7	15	10	14	16	12	14	9	9	15	12	10	143
Hodgkins' "	---	---	---	---	---	---	1	---	---	1	---	---	2
Cystitis	1	2	---	1	3	2	---	---	1	---	1	2	13
Diabetes	3	1	1	---	1	---	1	---	3	---	1	---	11
Nephritis	7	5	4	6	6	7	2	7	7	5	4	6	66
Uraemia	2	1	4	1	2	---	---	---	3	2	1	4	20
Stricture Urethra	---	---	1	---	---	---	---	---	---	---	---	---	1
Prostatitis	---	---	1	---	1	---	---	---	---	---	---	2	4
Total	20	24	21	22	29	21	18	16	23	23	19	24	260
Order 6.—*Generative.*													
Metritis	2	1	2	---	1	2	---	---	1	1	2	---	12
Ovarian Disease	---	---	---	1	1	1	---	1	2	---	1	---	7
Pelvic Cellulitis	---	1	3	1	1	---	---	1	2	---	2	1	12
Uterine Tumor	1	---	1	---	---	---	---	---	---	---	---	---	2
Total	3	2	6	2	3	3	---	2	5	1	5	1	33
Order 7.—*Locomotory Osseous.*													
Necrosis	---	---	---	---	---	2	---	---	---	---	---	1	3
Synovitis	---	---	---	---	1	1	---	---	---	---	---	---	2
Total	---	---	---	---	1	3	---	---	---	---	---	1	5
Order 8.—*Locomotory Integumentary.*													
Abscess	3	---	---	1	1	1	2	2	1	2	---	1	14
Eczema	---	---	3	1	---	---	---	---	1	---	---	---	5
Ulcer	---	---	1	1	---	---	---	---	---	---	---	---	2
Exopthalmia	---	---	---	---	---	---	---	---	---	---	1	---	1
Total	3	---	4	3	1	1	2	2	2	2	1	1	22
Class 4—Developmental. Order 1—*Children.*													
Atelectasis Pulmonum	---	2	1	2	---	2	1	1	3	---	---	1	13
Congenital Deformity	1	1	1	4	3	---	4	4	3	1	3	3	28
Cyanosis	2	1	1	---	2	1	2	---	---	2	1	1	13
Congenital Debility	11	16	17	20	16	20	25	27	16	18	12	17	215
Dentition	2	3	1	2	3	2	6	2	3	3	3	1	31
Hemorrhage, Umbilical	---	---	---	2	1	1	---	2	1	---	3	1	11

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Icterus Neonatorum	---	---	---	---	---	---	---	---	---	1	3	---	4
Sclerema	---	---	1	---	---	---	---	---	---	---	---	---	1
Spina Bifida	---	1	---	1	1	1	---	---	---	---	3	2	9
Tedious Birth	3	2	3	2	1	1	2	3	---	2	2	2	23
Total	19	26	25	33	27	28	40	39	26	27	30	28	348
Order 2—*Women.*													
Abortion	---	1	---	---	---	---	1	---	---	---	1	1	4
Childbirth	2	1	---	2	3	---	1	1	1	4	1	2	18
Miscarriage	1	---	---	---	---	---	---	1	---	---	---	1	3
Hemorrage, Post Partum	1	2	---	---	---	1	---	2	---	---	1	---	7
Placenta Prævia	1	---	---	1	1	---	---	1	---	1	1	1	7
Puerperal, Convulsions	1	2	2	4	---	3	---	1	2	1	---	1	17
" Mania	---	---	---	1	---	---	1	---	---	---	---	1	3
" Peritonitis	14	18	14	14	9	6	11	4	3	6	6	6	111
" Albuminuria	3	---	---	---	1	---	---	---	1	1	---	---	6
" Pyæmia	---	3	---	---	---	---	---	---	---	---	---	---	3
" Septicæmia	---	4	4	3	3	---	6	1	5	6	---	---	32
Phlemasia Dolens	1	---	---	---	---	---	---	---	---	---	---	---	1
Total	24	31	20	25	17	10	20	11	12	19	10	13	212
Order 3—*Old Age.*													
Debility Senile	33	30	23	23	24	14	19	16	28	20	15	21	266
Gangrene "	1	1	---	2	---	---	1	---	3	---	1	---	9
Total	34	31	23	25	24	14	20	16	31	20	16	21	275
Order 4—*Nutrition.*													
Asthenia	4	6	5	6	3	---	4	1	3	1	1	2	36
Atrophy	---	---	---	1	---	1	---	---	---	1	1	2	6
Total	4	6	5	7	3	1	4	1	3	2	2	4	42
Class 5—Violence.													
Order 1—*Accidents.*													
Burns	2	2	---	---	---	---	1	---	3	1	1	3	13
Crushed	---	2	1	2	1	1	---	1	2	4	1	1	16
Exposure	2	1	1	1	---	---	---	---	---	---	---	---	5
Fracture, Skull	5	---	6	2	2	1	2	1	---	---	2	3	24
" Spine	---	3	---	---	---	---	---	---	---	---	---	---	3
" Leg	---	---	---	---	---	---	2	---	---	---	---	---	2
" Thigh	---	---	---	1	2	---	2	---	---	---	---	---	5
Concussion of Brain	---	1	---	---	---	---	---	---	---	---	---	1	2
Poison	1	---	---	---	---	---	---	---	---	---	---	1	2
Poisoned by Morphine	1	1	1	---	---	---	---	---	---	---	---	1	4
" Opium	2	2	---	---	---	---	---	---	---	---	---	---	4
" Lye	1	---	---	---	---	---	---	---	---	---	---	1	2

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Over dose Medicine								1					1
Pois'ned by Carbolic acid			1										1
" Alcohol										1			1
" Chloroform									1				1
" Essential Oil						1							1
" Chloral										1			1
" Arsenic		1											1
" Laudanum							1						1
Run over by Horse				1									1
Run over by Wagon	1	1	1		2	5	2	3	2	2	1		20
Shock, R. R. Accident	3	8	7	5	6	10	11	7	5	11	14	10	97
" Street Car	1		1	1	2		2		1		2		10
" Elevator	1	1						1	1		1	3	8
" Surgical operat'n	1	4	1	1		4	1	3		1	1		17
Scalds	3	3			2		1		1		1	2	13
Frozen	2	1											3
Wound, Larcrated					1							2	3
" Fall	2	2	2	2	2	13	4	10	3	13	4	8	65
" Gunshot	1		1	1	2		2	1	2	1	1		12
Drowning	1		8	7	9	10	19	11	3	3	3	2	76
Suffocation	1	2	2	3	3		1	5	2		2	1	22
Dislocation of Neck				1									1
Kicked by Mule	1												1
For'n body in Air Pas'ge					1								1
Total	31	35	33	28	35	45	51	44	26	38	34	39	439
Order 2—*Homicide.*													
Murder		2	1		1		1						5
Manslaughter	2	2	2		1	2				3			12
Total	2	4	3		2	2	1			3			17
Order 3—*Suicide.*													
By Cutting Throat			3	1	1	1				1			7
" Drowning				3		1	1	2		1			8
" Shooting	2	2	6	3	1	4	5	1	3	3		2	32
" Hanging	2	3	1	1	3	1	1		3				15
" Jump'g from windo					1								1
" Poison, Arsenic			1					2					3
" " Morphine	1							1			3		5
" " Laudanum												1	
Poison							2						2
" Muriatic Acid												1	1
" Opium			1				1		1				3
" Rough on Rats			1					1			1		3
" Cyanide Potas												1	1
Total	5	5	13	8	6	7	10	7	7	5	4	5	82

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Ill Defined	2	2	1	3	---	4	4	3	6	1	3	7	36
Unknown	3	1	5	6	7	---	1	1	1	1	2	0	28
Total	5	3	6	9	7	4	5	4	7	2	5	7	64
Grand total	966	859	968	922	910	837	1470	1103	970	840	783	927	11555
Diarrhoeal Dis'ses under 5 years of age	4	3	13	21	30	90	495	272	127	21	20	18	1118

RECAPITULATION.

MORTALITY BY MONTHS.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Total.
CLASS 1—Zymotic..	256	168	250	208	221	260	687	498	357	242	233	286	3666
" 2—Constitu'l	160	139	152	171	161	132	161	133	170	119	130	142	1770
Order 1, *Nervous*...	147	159	164	122	149	134	238	149	132	134	121	149	1798
" 2, *Circulatory.*	52	29	40	33	37	29	31	43	44	48	38	31	455
" 3, *Respiratory*	157	156	150	155	119	68	56	68	80	93	88	130	1320
" 4, *Digestive*..	44	41	53	71	68	75	126	70	45	62	47	47	749
" 5, *Urinary*...	20	24	21	22	29	21	18	16	23	23	19	22	258
" 6, *Generative*.	3	2	6	2	3	3	----	2	5	1	5	1	33
" 7, *Locy Os'us*	----	----	----	----	1	3	----	----	----	----	----	1	5
" 7, " *Integ'ry*	3	----	4	3	1	1	2	2	2	2	1	1	22
Total.....	426	411	438	408	407	334	471	350	331	363	319	382	4640
CLASS 4—Develop't													
Order 1, *Children*...	19	26	25	33	27	28	40	39	26	27	30	28	348
" 2, *Women*....	24	31	20	25	17	10	20	11	12	19	10	13	212
" 3, *Old Age*...	34	31	23	25	24	14	20	16	31	20	16	21	275
" 4, *Nutrition*..	4	6	5	7	3	1	4	1	3	2	2	4	42
Total.....	81	94	73	90	71	53	84	67	72	68	58	66	877
CLASS 5—Violence.													
Order 1, *Accidents*...	31	35	33	28	35	45	51	44	26	38	34	39	439
" 2, *Homicide* ..	2	4	3	----	2	2	1	----	----	3	----	----	17
" 3, *Suicide*....	5	5	13	8	6	7	10	7	7	5	4	5	82
Unk'wn & Ill Defi'ed	5	3	6	9	7	4	5	4	7	2	5	7	64
Total.....	43	47	55	45	50	58	67	55	40	48	43	51	602
Grand total.....	966	859	968	922	910	837	1470	1103	970	840	783	927	11555

MORTALITY BY MONTHS.

NATIVITIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Chicago	476	395	506	504	448	459	978	707	538	389	389	468	6257
U. S., elsewhere	150	136	145	115	126	114	134	103	115	145	124	147	1554
Germany	129	120	130	110	112	103	140	110	133	124	97	115	1423
Ireland	86	94	64	75	86	62	88	71	65	68	72	69	900
England	15	13	18	13	15	8	19	16	18	22	13	21	191
Canada	17	12	11	16	12	15	13	8	12	12	10	12	150
Other for'gn countries	84	86	84	72	98	70	91	85	86	73	75	89	993
Atlantic Ocean	---	---	---	---	---	---	1	---	---	---	---	---	1
Mediteranean Sea	1	---	---	---	---	---	---	---	---	---	---	---	1
Unknown	8	3	10	17	13	6	6	3	3	7	3	6	85
Total	966	859	968	922	910	837	1470	1103	970	840	783	927	11555

STILL BIRTHS.

Premature Births	23	16	17	19	24	30	24	9	10	31	30	15	248
Still Births	90	63	91	64	62	83	80	70	56	73	60	61	833

SEX.

Males	503	459	534	468	476	472	802	589	525	442	433	483	6186
Females	463	400	434	454	433	365	668	514	445	398	350	444	5368
Not Stated	---	---	---	---	1	---	---	---	---	---	---	---	1

COLOR.

White	947	842	943	899	890	820	1442	1082	950	823	769	909	11316
Colored	19	17	25	23	20	17	28	21	20	15	16	18	239

SOCIAL RELATIONS.

Married	251	222	234	217	204	156	216	172	188	238	219	209	2526
Widows	49	58	50	41	60	30	39	30	43	52	36	56	544
Widowers	17	28	16	30	17	12	21	27	25	15	24	31	263
Single	649	551	668	634	629	639	1194	874	714	535	504	631	8222
Total													11555

MORTALITY BY MONTHS.

AGES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Under 1 year	250	222	324	290	279	296	761	460	317	209	203	239	3850
1 year to 2 years	62	71	58	63	64	56	139	125	107	74	58	87	964
2 " 3 "	46	29	43	40	31	28	43	59	38	40	30	51	478
3 " 4 "	37	38	39	29	29	18	18	24	20	30	24	25	331
4 " 5 "	33	10	19	18	21	19	20	23	30	16	19	22	250
5 " 10 "	49	31	49	40	40	40	41	55	48	51	48	47	539
10 " 20 "	54	28	32	43	54	53	66	41	54	31	53	37	546
20 " 30 "	88	110	89	88	82	74	93	79	81	82	80	103	1048
30 " 40 "	94	81	91	77	68	72	67	57	72	80	64	94	917
40 " 50 "	70	68	63	77	72	61	67	65	59	54	62	59	777
50 " 60 "	77	54	59	50	68	50	57	52	43	70	61	58	699
60 " 70 "	41	56	56	44	33	39	53	26	48	57	42	52	547
70 " 80 "	40	36	25	36	47	19	32	20	33	32	27	38	385
80 " 90 "	18	20	15	18	10	8	10	13	14	14	7	12	159
90 " 100 "	5	2	3	2	4	2	----	2	4	---	4	2	30
100 " and upwards	---	---	1	---	---	---	---	---	---	---	---	---	1
Unknown	2	3	2	8	8	2	3	2	2	---	1	1	34
Total	966	859	968	922	910	837	1470	1103	970	840	783	927	11555
Under 5 years	428	370	483	440	424	417	981	691	514	369	334	424	5875

MORTALITY BY WARDS AND MONTHS.

MONTHS.	WARDS.																					
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Thirteenth.	Fourteenth.	Fifteenth.	Sixteenth.	Seventeenth.	Eighteenth.	Public Institutions, Etc.	Violence.	Unknown.	Total.
January	10	33	34	34	94	80	57	48	20	29	32	45	25	111	62	38	33	35	108	38	----	966
February	14	32	21	41	70	73	48	38	31	34	28	39	29	91	37	40	40	21	88	44	----	859
March	18	28	19	46	76	75	63	49	29	25	23	41	30	90	56	49	57	34	108	49	3	968
April	15	25	21	37	84	87	50	50	27	27	30	33	38	106	51	45	46	29	82	36	3	922
May	9	33	15	38	86	81	59	55	22	22	24	41	28	100	39	37	44	32	100	43	2	910
June	10	19	18	25	85	85	40	46	21	24	26	24	24	120	33	30	42	18	93	54	----	837
July	13	34	25	46	151	193	107	86	34	37	48	37	41	219	98	55	71	31	80	62	2	1470
August	11	28	24	37	126	139	78	52	16	31	20	42	32	153	90	35	45	18	75	51	----	1103
September	8	26	22	34	98	112	85	55	25	31	30	39	27	131	47	39	37	22	69	33	----	970
October	8	25	14	34	79	82	68	50	16	25	29	38	27	115	39	25	25	19	76	46	----	840
November	9	32	20	32	81	83	57	37	16	15	22	39	21	93	46	24	30	23	65	38	----	783
December	5	29	29	43	77	95	61	56	20	16	39	44	32	114	66	25	41	28	63	44	----	927
Total	130	344	262	447	1107	1085	773	622	277	316	351	462	354	1443	664	442	511	310	1007	538	10	11555

DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

MORTALITY BY WARDS AND MONTHS.

MONTHS.	WARDS.																				
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Thirteenth.	Fourteenth.	Fifteenth.	Sixteenth.	Seventeenth.	Eighteenth.	Public Institutions, Etc.	Violence.	Total.
January	2	16	7	8	48	45	27	24	12	18	10	11	7	60	33	25	17	9	44	5	428
February	4	12	4	14	34	45	25	24	18	12	11	17	16	42	18	20	18	7	24	5	370
March	8	14	9	23	51	53	35	25	14	11	9	21	11	54	21	31	35	18	39	1	483
April	10	10	12	18	48	45	30	23	11	15	16	10	19	55	29	22	19	13	33	2	440
May	3	15	5	16	52	44	28	25	11	16	10	18	14	60	23	15	22	14	26	7	424
June	3	8	6	7	58	59	24	31	8	12	11	8	10	73	20	19	22	4	31	3	417
July	8	21	10	27	112	164	83	59	23	25	30	22	28	174	75	33	49	17	18	3	981
August	4	15	8	25	89	107	54	34	10	23	12	24	18	114	67	21	22	9	30	5	691
September	4	13	8	18	64	78	46	31	7	14	18	17	16	78	21	20	23	12	23	3	514
October	1	7	5	14	52	47	36	27	6	10	9	12	9	71	15	12	12	6	16	2	369
November	1	12	8	9	45	52	29	18	5	7	6	10	9	53	16	11	13	8	18	4	334
December	2	10	11	17	44	57	33	31	12	5	16	19	11	65	31	10	15	17	14	4	424
Total	50	153	93	196	697	796	450	352	137	168	158	189	168	899	369	239	267	134	316	44	5875

MORTALITY BY MONTHS.

ZYMOTIC.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Small Pox	13	10	9	7	4	3	---	---	---	---	---	---	46
Measles	1	3	4	3	8	8	5	2	2	---	3	5	44
Scarlatina	39	22	35	36	35	30	31	36	36	30	23	47	400
Diphtheria	73	34	49	48	37	34	37	45	45	56	26	74	592
Croup	31	19	17	17	15	15	7	6	17	25	28	28	225
Whooping Cough	7	5	10	6	7	9	10	16	12	5	2	3	92
Fever, Typhus	---	---	1	---	---	---	---	---	1	---	---	---	2
" Typhoid	22	13	17	16	13	17	23	50	44	41	45	60	361
" Cerbro Spinal	20	13	7	9	8	10	7	8	4	9	8	5	108
" Malarial	6	6	7	9	8	13	9	5	12	6	6	8	95
Diarrhœal Diseases	8	5	22	25	33	95	513	288	143	38	24	25	1219
Other Zymotic Diseases	36	38	72	32	53	26	45	42	41	32	34	31	482
Total	256	168	250	208	221	260	687	498	357	242	233	286	3666

ZYMOTIC MORTALITY BY MONTHS AND WARDS.

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First	1	...	1	7	2	2	5	5	2	2	1	3	31
Second	7	10	7	2	8	3	17	8	7	3	4	7	83
Third	7	6	5	6	5	6	11	10	6	2	4	4	72
Fourth	7	8	15	10	8	5	17	22	13	8	12	12	137
Fifth	21	13	23	19	28	29	87	61	58	30	31	24	424
Sixth	26	13	28	19	16	32	100	80	50	33	38	35	470
Seventh	12	10	12	14	19	15	60	41	30	24	21	16	274
Eighth	13	3	13	6	9	18	35	26	18	11	11	23	186
Ninth	8	11	10	6	8	7	14	6	6	4	3	6	89
Tenth	10	9	7	8	6	7	20	13	11	6	4	2	103
Eleventh	8	3	5	10	6	5	19	9	9	6	3	5	88
Twelfth	14	7	9	10	8	7	9	20	13	10	13	16	136
Thirteenth	6	6	6	8	7	8	22	11	14	7	6	13	114
Fourteenth	28	15	24	20	25	49	119	68	45	35	26	55	509
Fifteenth	20	11	14	15	11	10	55	52	15	14	18	25	260
Sixteenth	16	8	10	14	9	8	23	14	11	6	3	6	128
Seventeenth	11	10	20	9	10	23	36	20	16	5	11	8	179
Eighteenth	7	6	12	10	10	2	15	5	6	4	5	8	90
Public Institutions	34	19	29	15	26	24	23	27	27	32	19	18	293
Total	256	168	250	208	221	260	687	498	357	242	233	286	3666
Phthisis Pulmonalis	99	79	94	93	99	71	83	73	94	60	80	91	1016
Acute Lung Diseases	141	145	141	141	107	62	45	61	72	87	80	115	1197

FIRST OR WINTER QUARTER OF 1883.

THIRTEEN WEEKS ENDING MARCH 31.

There were registered during this period 2,793 deaths.

METEROLOGY.

FOR 1883.

Mean temperature of JANUARY was 16.3°; highest temperature 39.9°, on the 13th; lowest 17.2° below zero on 22d; range 57.1°. Rain or snow fell on 21 days to the amount of 1.74 inches. Prevailing direction of wind, southwest. Mean reading of barometer 30.137 inches; highest, 30.596 and lowest, 29.426; monthly range, 1.170 inches. The mean relative humidity was 71.9 per cent.

Mean temperature of FEBRUARY was 23.0°; highest temperature, 57.0°, on 16th; lowest, 8.8° below zero on 1st; range, 65.8°. Rain or snow fell on 18 days to the amount of 4.74 inches. Prevailing direction of wind, southwest. Mean reading of barometer, 30.259 inches; highest, 30.718, on the 18th; lowest 29.607, on 14th; range, 1.111 inches. The mean relative humidity was 68.3 per cent.

Mean temperature of MARCH was 31.4°; highest temperature, 61.6°, on 14th; lowest, 10.2°, on the 7th; range, 51.4°. Rain or snow fell on 15 days to the

amount of 0.42 inches. Prevailing direction of wind, northeast. Mean reading of barometer, 30.053 inches; highest, 30.544, lowest, 29.494; range, 1.050 inches. Mean relative humidity was 59.7 per cent.

The mean temperature of the quarter was 23.6°; highest temperature was 61.6°, on March 14; lowest, 17.2° below zero on January 22d; range, 78.8°. Mean reading of barometer, 30.150; highest, 30.718 inches, on February 18th; lowest, 29.426, on January 10th; range, 1.292 inches. Mean relative humidity 66.6 per cent. Rain or snow fell on 54 days to the amount of 6.90 inches.

TABLE I.

COMPARATIVE MORTALITY OF WINTER QUARTER.	January.	February.	March.	1883	1882	1881	1880	1879
Small Pox	13	10	9	32	888	94	----	----
Measles	1	3	4	8	63	7	68	----
Scarlatina	39	22	35	96	59	54	115	67
Diphtheria	73	34	49	156	121	170	263	124
Croup	31	19	17	67	93	128	139	62
Whooping Cough	7	5	10	22	20	16	18	9
Fever, Typhus	----	----	1	1	2	3	6	----
Fever, Typhoid	22	13	17	52	126	41	25	36
Fever, Cerebro Spinal	20	13	7	40	29	56	13	32
Fever, Malarial	6	6	7	19	29	13	19	9
Diarrhoeal Diseases	8	5	22	35	48	45	18	8
Other Zymotic Diseases	36	38	72	146	110	129	89	114
Phthisis Pulmonalis	99	79	94	272	327	257	237	190
Acute Lung Disease	141	145	141	427	551	386	329	317
Children under 5 years of age	425	370	483	1278	1702	1219	1150	858
Total Deaths from all causes	966	859	968	2793	3820	2701	2365	1843

SECOND OR SPRING QUARTER OF 1883.

THIRTEEN WEEKS ENDING JUNE 30.

During this period there were registered 2,669 deaths.

METEROLOGY.

The mean temperature of APRIL was 45.6°; highest temperature, 78.3° on 14th; lowest, 28.3°, on 1st; range, 50.0°. Rain or snow fell 14 days to the amount of 3.72 inches. Prevailing direction of wind, north. Mean reading of barometer, 29.959 inches. Highest, 30.273, on the 2d; lowest, 29 446, on the 10th. Range, 0.827 inches. Mean relative humidity, 64.1 per cent.

The mean temperature of MAY was 52.1°. Highest temperature, 80.1°, on the 18th; lowest, 35.9° on 21st. Range, 44 2°. Rain fell on 19 days to the amount of 7.32 inches. Prevailing direction of wind, north. Mean reading of barometer, 29.924 inches. Highest, 30.290, on 6th; lowest, 29.484, on 14th. Range, 0.806. Mean relative humidity, 69 3 per cent.

The mean temperature of JUNE was 64.1°. Highest temperature, 83.8, on 16th; lowest, 47.8°, on 10th. Range, 36.0°. Rain fell on 14 days to the amount of 5.61 inches Prevailing direction of wind, north. Mean reading of barometer, 29.903. Highest, 30.290,

on 1st; lowest, 29.525, on 10th. Range, 0.762 inches. Mean relative humidity, 73.9.

The mean temperature of the quarter was 53 9°. Highest, 83.8°, on June 16th; lowest, 28.3°, on April 1st. Range, 55.5°. Mean reading of barometer, 29 929 inches. Highest, 30.290, on May 6th and June 1st; lowest, 29.446, on April 10th. Range, 0.844 inches. Mean relative humidity, 69.1 per cent. Rain fell on 47 days to the amount of 16.65 inches.

TABLE II.

COMPARATIVE MORTALITY OF SPRING QUARTER.	April.	May.	June.	1883	1882	1881	1880	1879
Small Pox	7	4	3	14	310	136	23	
Measles	3	8	8	19	154	45	40	2
Scarlatina	36	35	30	101	37	60	83	78
Diphtheria	48	37	34	119	147	122	155	93
Croup	17	15	15	47	53	82	102	38
Whooping Cough	6	7	9	22	30	42	16	5
Fever, Typhus					2	1	3	
Fever, Typhoid	16	13	17	46	57	63	29	32
Fever, Cerebro Spinal	9	8	10	27	41	160	25	28
Fever, Malarial	9	8	13	30	13	12	13	9
Diarrhoeal Diseases	25	33	95	153	111	278	209	120
Other Zymotic Diseases	32	53	26	111	109	152	136	109
Phthisis Pulmonalis	93	99	71	263	256	270	215	195
Acute Lung Diseases	141	107	62	310	378	364	404	193
Children under 5 years of age	440	424	417	1281	1497	1759	1442	822
Total deaths from all causes	922	910	837	2669	3092	3291	2558	1786

THIRD OR SUMMER QUARTER OF 1883

THIRTEEN WEEKS AND ONE DAY ENDING SEPTEMBER.

During this quarter there were registered 3,543 deaths.

METEOROLOGY.

The mean temperature of JULY was 71.0°. Highest temperature, 91°, on 3d; lowest, 50.9°, on 9th; range, 40.1°. Rain fell on 12 days to the amount of 5.53 inches. Prevailing direction of wind, southwest. Mean reading of barometer, 29 972 inches. Highest barometer, 30.284, on the 18th; lowest, 29.641, on the 12th. Range, 0.643 of an inch. Mean relative humidity, 69.6 per cent.

The mean temperature of AUGUST was 68.3°. Highest temperature, 89 0°, on 19th; lowest, 54.5° on 4th. Range, 34.5°. Rain fell on 6 days to the amount of 1.21 inches. Prevailing direction of wind, southwest. Mean reading of barometer, 30.053 inches. Highest, 30.311 on 6th; lowest, 29.780 on 19th. Range, .531 of an inch. Mean relative humidity, was 68.2 per cent.

Mean temperature of SEPTEMBER was 60.7°. Highest temperature, 83.5°, on 15th; lowest, 42°, on 26th. Range, 41.5°. Rain fell on 8 days to the

amount of 1.36. Prevailing direction of wind, northeast. Mean reading of barometer, 30.052 inches. Highest barometer, 30.471, on 9th; lowest, 29.599, on 24th. Range, 0.872 of an inch. Mean relative humidity, 69 1 per cent.

The mean temperature of the quarter was 67.0°. Highest temperature was 91.0°, on 3d July; lowest, 42°, on September 26th. Range, 49.0°. Mean reading of barometer, 30.026 inches. Highest barometer was 30.471, on September 9th; lowest, 29.599 inches on September 24th. Range, 0.872 of an inch. Mean relative humidity, 69 0 per cent. Rain fell on 26 days to the amount of 8.10 inches.

TABLE III.

COMPARATIVE MORTALITY OF SUMMER QUARTER.	July,	August.	September.	1883	1882	1881	1880	1879
Small pox	---	---	---	---	33	282	6	---
Measles	5	2	2	9	22	31	15	15
Scarlatina	31	36	36	103	20	41	89	99
Diphtheria	37	45	45	127	96	112	217	141
Croup	7	6	17	30	27	54	72	62
Whooping cough	10	16	12	38	36	48	22	15
Fever, typhus	---	---	1	1	1	5	3	---
" typhoid	23	50	44	117	137	169	59	74
" cerebro spinal	7	8	4	19	37	54	21	34
" malarial	9	5	12	26	24	28	20	20
Diarrhœal diseases	513	288	143	944	1114	1320	768	737
Other Zymotic diseases	45	42	41	128	149	169	148	151
Phthisis Pulmonalis	83	73	94	250	232	233	207	157
Acute Lung diseases	45	61	72	178	185	200	148	75
Children under 5 years of age	981	691	514	2186	2337	2835	1972	1729
Total deaths from all causes	1470	1103	970	3543	3741	4763	3173	2772

FOURTH OR AUTUMNAL QUARTER OF 1883.

THIRTEEN WEEKS AND ONE DAY ENDING DECEMBER.

During this period there were registered 2,550 deaths.

METEOROLOGY.

The mean temperature for OCTOBER was 51.8°. Highest temperature, 75.5°, on 8th; lowest, 38.0°, on 21st. Range, 40.5. Rain fell on 18 days to the amount of 7.36 inches. Mean barometer reading 30.096 inches. Highest barometer, 30.584 on the 16th; lowest, 29.444, on the 29th. Range, 1.140. Mean relative humidity, 71.8 per cent. Prevailing wind, northeast.

The mean temperature of NOVEMBER was 41.5°. Highest temperature, 62.0, on the 21st; lowest, 10.0°, on the 16th. Range, 52.0. Rain or snow fell on 9 days to the amount of 5.26 inches. Mean reading of barometer, 30.090 inches. Highest barometer, 30.650, on the 16th; lowest, 29.595, on 9th. Range, 1,055 inches. Mean relative humidity, 66.2 per cent. Prevailing wind, southwest.

The mean temperature of DECEMBER was 30.1°. Highest temperature, 57° on 7th; lowest, 0.5°, on 19th;

Range, 56.5°. Rain or snow fell on 14 days to the amount of 1.59 inches. Prevailing wind, southwest. Mean reading of baroneter, 30.109 inches Highest barometer, 30 515, on the 22d; lowest, 29,529, on the 17th. Range .986. Mean relative humidity, 70.2 per cent.

Mean temperature of the quarter was 41.1°. Highest temperature was 78.5°, on October 8th; lowest, 0.5°, on December 19th. Range, 78.0°. Mean reading of barometer, 30.098 inches. Highest, 30.650, on November 16th; lowest, 29.444, on October 29th; range, 1.206 inches. Mean relative humidity, 69.4 per cent. Rain or snow fell on 41 days to the amount of 14.21 inches.

TABLE IV.

COMPARATIVE MORTALITY OF AUTUMN QUARTERS.	October.	November.	December.	1883	1882	1881	1880	1879
Small pox	----	----	----	----	61	668	14	1
Measles	----	3	5	8	5	19	3	34
Scarlatina	30	23	47	100	84	32	52	145
Diphtheria	56	60	74	190	157	190	295	240
Croup	25	28	28	81	59	124	220	202
Whooping cough	5	2	3	10	15	30	12	4
Fever, typhus	----	----	----	----	----	6	----	1
" typhoid	41	45	60	146	142	249	58	66
" cerebro spinal	9	8	5	22	13	20	17	10
" malarial	6	6	8	20	23	22	19	9
Diarrhœal diseases	38	24	25	87	114	96	58	29
Other Zymotic diseases	32	34	31	107	121	107	106	89
Phthisis Pulmonalis	60	80	91	231	227	270	194	203
Acute Lung diseases	87	80	115	282	275	297	244	218
Children under 5 years of age	369	334	424	1127	1109	1381	1076	1035
Total deaths from all causes	840	783	927	2550	2601	3346	2366	2213

COMPARATIVE METEORGLOGICAL STATEMENT FOR 1883.

YEAR.	BAROMETER*.				THDRMOMETER*.				WIND.			RAIN AND MELTED SNOW.	
	Highest.	Lowest.	Range.	Mean.	Highest.	Lowest.	Range.	Mean.	Prevailing Direction.	Highest Velo'y. Miles per Hour.	Total No. of Miles Traveled.	No. of Days Rain or Snow Fell.	Amount of Rain or Melted Snow — Inches.
1876	30.615	28.965	1.650	29.965	93°	—14°	107°	49.1°	S. W.	45	69,085	154	36.48
1877	30.700	29.170	1.530	29.988	91°	— 4°	95°	50.5°	S. W.	50	76,009	149	41.01
1878	30.603	29.224	1.379	29.928	97°	— 9°	106°	51.7°	S. W.	36	67,667	172	41.95
1879	30.655	29.224	1.411	30.022	93°	—18°	111°	50.2°	S. W.	28	62,155	135	30.71
1880	30.792	28.988	1.804	30.005	95°	—15°	110°	51.0°	S. W.	36	74,192	183	37.10
1881	30.687	29.229	1.458	30.021	97.9°	—13°	110.9°	49.3°	S. W.	35	69,536	139	44.18
1882	30.717	29.252	1.465	30.037	89.5°	— 7.1°	96.6°	49.6°	S. W.	32	76,222	151	41.34
1883	30.718	29.426	1.292	30.051	91.0°	—17.2°	108.2°	46.3°	S. W.	33	74,140	168	45.86

*The readings of the Barometer were in each case corrected for Temperature, Elevation and Instrumental error.

*The Dash (—) indicates below zero.

METEOROLOGICAL FEATURE OF THE YEAR.

FOR 1883.

The mean temperature was 46°, 3.3° lower than that of 1882. The highest temperature, 91.0°, occurred July 3d; lowest, 17.2°, below zero, on January 27th, being a range of 108.2°. Rain or snow fell upon 168 days to the amount of 45.86 inches. During the preceding year only 41.34 inches fell. The greatest atmospheric pressure, 30.718 inches, occurred on February 18th; the least, 29.426 inches on January 10th, being range of 1.292 inches; the mean was 30.051 inches. The mean annual relative humidity was 68.5 per cent.

METEOROLOGY BY MONTHS, 1883.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Reduced to Sea Level. Mean Barometer	30.137	30.259	30.053	29.959	29.924	29.903	29.972	30.053	30.052	30.096	30.090	30,109
Reduced to Sea Level. Highest "	30.596	30.718	30.544	30.273	30.290	30.390	30.284	30.311	30.471	30.584	30.650	30.515
Reduced to Sea Level. Lowest "	29.426	29.607	29.494	29.446	29.484	29.528	29.641	29.780	29.599	29.444	29.595	29.529
Mean Temperature	16.3	23.0	31.4	45.6	52.1	64.1	71.0	68.3	60.7	51.8	41.5	30.1
*Highest "	39.9	57.0	61.6	78.3	80.1	83.8	91.0	89.0	83.5	78.5	62.0	57.0
Lowest "	—17.2	— 8.8	10.2	28.3	35.9	47.8	50.9	54.5	42.0	38.0	10.0	0.5
Mean Relative Humidity	71.9	68.3	59.7	64.1	69.3	73.9	69.6	68.2	69.1	71.8	66.2	70.2
Amount of Rain or Melted Snow	1.74	4.74	0.42	3.72	7.32	5.61	5.53	1.21	1.36	7.36	5.26	1.59
Prevailing Direction of Wind	S. W.	S. W.	N. E.	N.	N.	N.	S. W.	S. W.	N. E.	N. E.	S. W.	S. W.
Total Number of Miles	8140	5789	6704	7328	6705	5972	5901	4508	4783	5925	6440	5945

*The Dash (—) indicates below zero.

MORTALITY REPORT

OF THE CITY OF CHICAGO,

FOR THE YEAR ENDING DECEMBER 31ST, 1884.

M. K. GLEASON, M. D.,

Registrar of Vital Statistics.

There occurred during the year 12,471 deaths—a weekly average of 240, and during the preceding year 11,555, a weekly average of 222.

Of this number, in 1884, there were born in Chicago 6,997 and 1,537 elsewhere in the United States. There were 1,495 natives of Germany, 922 of Ireland, 157 of Canada, and 217 of England; 1,069 were natives of other foreign countries. One was born on the Atlantic Ocean; and the nativity of 76 was unknown or not given in the certificates of death.

Of the decedents, 4,179 were infants under one year of age, and 6,666 were children under five years of age; making 53.45 per cent. of the total mortality under five years of age. There were 1,208 over sixty years of age, including two over one hundred.

The death rate of 1884 was 19.80 per 1,000 inhabi-

tants, on a basis of 630,000 population according to the school census taken in July of the same year. The death rate of the preceding year was 19.26 per 1,000 inhabitants, estimating the population at 600,000. The average death rate for the last five years was 21.96 against 18.51 for the preceding quinquennial period.

For further detailed statistics relating to causes of death by wards and months, ages, nativities, sex, color, still births, and social conditions, reference is made to the accompanying thirty pages of the report.

The best criterion of the sanitary condition of a community is best ascertained by showing the percentage of zymotic diseases and the number of deaths under five years of age, compared with the total mortality.

There were 4,216 deaths from zymotic diseases in 1884, making 33.81 per cent. of the total mortality for that year against 3,666 deaths from similar causes, and a percentage of 31.73 for the year 1883.

In 1884, the greatest mortality from these causes occurred in the Sixth Ward, being 665 or 12.12 deaths to 1,000 population against seventy-three in the Eighteenth Ward (where the least mortality took place), with only 2.68 deaths to every one thousand of its population. Again, in the Sixth Ward, the percentage of the preventable diseases amounts to 42.82 of the total mortality, whilst that of the Eighteenth Ward is only 27.34 per cent.

In 1884, there were 1,111 deaths of children under five years of age in the Sixth Ward, making 71.54 per cent. of the total mortality, whilst in the Eighteenth Ward the percentage amounts to only 44.57.

In the same way comparisons may be made, as shown in the annexed tables, between the mortality of the above and other wards, and the results obtained will pretty accurately indicate the districts in which good drainage, sewerage and other hygienic surroundings exist. In such wards will be found a low rate of mortality, whilst on the other hand, in the wards where above conditions only partly obtain, a high rate of mortality will be found to exist.

Deaths, from all Causes, Registered in the City of Chicago during the year ending December 31, 1884:

MORTALITY BY MONTHS.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Class 1—Zymotic Dis													
Order 1—*Miasmatic*													
Carbuncle	1		1										2
Chicken Pox										1			1
Cholera Infantum		3	4	23	26	57	398	214	118	43	9	4	899
" Morbus			2	1	1	3	14	8	4				33
Croup	24	10	24	11	13	10	12	12	9	34	57	40	256
Diarrhœa	3	7	5	14	12	22	57	54	41	20	5	4	244
Dysentery		1	2	1	3	2	17	14	20	7	5	5	77
Diphtheria	42	41	29	37	59	35	31	35	44	70	107	119	649
Entero Colitis	3		1	11	10	10	64	55	29	18	6	7	214
Erysipelas	9	6	11	6	5	4	2	1	2	3	4	3	56
Fever, Cerebro Spinal	10	10	7	6	14	8	6	3	5	4	11	5	89
" Intermittent			1				1				2		4
" Remittent	3		3	2	3	1	1	2	2	3	4	1	25
" Scarlet	35	29	29	26	34	26	20	14	16	20	32	35	316
" Typhoid	42	26	13	18	19	23	22	48	36	39	34	34	354
" Typhus	1					1				1			3
" Typho-Malar'l	7	4	5	8	5	5	8	6	4	6	6	5	69
Measles	3	2	6	24	56	85	61	48	12	1	10	11	319
Pyaemia	2	2	4	1	2	1	8	3	2	6	2	3	36
Septicaemia	3	3	2	3	2	2	8	2	2	3	1	5	36
Small Pox				2									2
Whooping Cough	4	5	6	11	9	10	10	11	13	11	11	11	112
Mumps												1	1
Thrush	1	1				1	1		1		1		6
Total	193	150	155	205	273	306	741	520	360	290	307	293	3803
Order 2—*Inoculated.*													
Hydrophobia		1					1	1					3
Syphilis-Congenital		1	4		2	2	2		1		1	6	19
" Tertiary	1	2								1			4
Total	1	4	4		2	2	3	1	1	1	1	6	26
Order 3—*Dietic.*													
Alcoholism—Acute	1		3		3		1	1	1		4	1	15
" Chronic		3	3	3	4	7	2	3	2	5	3	3	38
Inanition	22	14	27	31	18	21	48	42	33	21	17	32	326
Purpura			1	2	1				1		1	2	8
Total	23	17	34	36	26	28	51	46	37	26	25	38	387

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Class 2–Constitution'l Order 1–*Diethetic.*													
Anæmia	---	2	2	2	1	---	3	4	---	---	---	1	15
Cancer	---	3	5	2	2	---	4	1	2	1	9	4	33
" Liver	3	4	3	3	1	1	2	5	2	3	3	---	30
" Breast	2	2	1	1	---	2	1	1	2	1	---	2	15
" Bowels	2	---	1	2	2	---	2	---	1	---	2	---	12
" Spleen	1	---	---	---	---	---	---	---	---	---	---	---	1
" Face	1	1	3	---	---	---	---	1	1	---	1	---	8
" Pylorus	1	1	---	---	---	---	---	2	1	---	---	---	5
" Stomach	2	7	4	8	6	2	11	6	5	5	5	4	65
" Uterus	3	4	4	3	2	4	3	5	3	3	3	8	45
" Bladder	---	1	---	---	---	---	1	---	---	---	---	---	2
" Pancreas	---	1	---	---	---	---	---	1	---	---	---	---	2
" Jaw	---	1	---	---	---	1	1	---	---	---	---	1	5
" Larynx	---	---	1	---	---	---	---	---	---	2	1	---	4
" Omentum	---	---	1	---	---	---	---	---	---	---	---	---	1
" Kidney	---	---	1	1	---	---	---	---	---	---	---	---	2
" Brain	---	---	2	---	---	2	---	---	---	---	---	---	4
" Aesophagus	---	---	1	---	1	2	1	---	---	---	1	1	7
" Rectum	---	---	---	---	2	---	---	---	1	1	---	---	4
" Eye	---	---	---	---	1	1	---	---	---	---	---	---	2
" Tibia	---	---	---	---	1	---	---	---	---	---	---	---	1
" Tongue	---	---	---	---	---	2	---	2	---	---	1	---	5
" Throat	---	---	---	---	---	1	---	---	---	---	1	---	2
" Abdomen	---	---	---	---	---	---	2	1	---	---	---	---	3
" Neck	---	---	---	---	---	---	---	1	1	1	---	---	3
" Thigh	---	---	---	---	---	---	---	---	1	---	---	---	1
" Foot	---	---	---	---	---	---	---	---	1	---	---	---	1
" Pelvis	---	---	---	---	---	---	---	---	---	1	---	---	1
" Scrotum	---	---	---	---	---	---	---	---	---	1	---	---	1
Dropsy	3	2	2	5	2	3	6	2	2	3	5	3	38
Marasmus, Senile	1	2	3	3	5	2	---	3	1	---	2	7	29
" Infantile.	6	8	11	12	9	10	37	18	15	13	5	3	147
Rheumatism	8	7	6	4	13	5	2	4	4	2	6	6	67
Lucocythemia	---	---	---	1	1	---	---	---	---	---	---	---	2
Gangrene	---	---	---	---	4	---	---	2	---	1	---	---	7
Total	33	46	51	47	53	36	78	60	43	38	45	40	570
Order 2–*Tubercular*													
Caries of the Vertebræ	2	1	---	3	1	2	---	3	2	---	1	1	16
Haemophalus	1	3	1	---	---	---	2	3	2	2	2	2	18
Hydrocephalus	2	5	---	7	9	3	5	2	4	3	---	---	40
Hip Joint Disease	1	---	---	---	2	1	1	1	---	---	2	1	9
Phthisis, Pulmonalis	84	65	94	105	88	95	80	72	72	76	97	106	1034
Rachitis	---	---	1	---	2	1	1	---	2	---	1	1	9
Scrofula	2	---	4	3	3	2	---	---	5	1	2	3	25

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Tabes Mesenterica	3	3	---	2	2	3	---	5	3	4	2	1	28
Tubercular, Bronch'is	---	---	---	---	---	1	---	---	---	---	---	---	1
" Enteritis	1	---	---	---	---	---	---	2	---	1	---	1	5
" Laryngitis	1	---	1	---	---	---	---	---	2	---	---	---	4
" Meningitis	3	---	2	5	4	10	4	3	2	2	4	5	44
Total	100	77	103	125	111	118	93	91	94	89	111	121	1233
Class 3—Local.													
Order 1—*Nervous.*													
Apoplexy, Cerebral	15	10	9	14	12	12	19	16	5	11	10	22	155
Abscess, Brain	---	---	---	---	---	---	---	---	1	---	---	---	1
Cerebritis	2	---	5	1	2	5	3	---	3	3	---	2	26
Congestion of Brain	8	6	9	10	13	12	9	14	9	23	10	13	136
Convulsions, Infantile	55	64	91	90	58	74	84	62	65	64	64	71	842
Chorea	1	---	1	1	---	1	---	---	---	---	---	---	4
Dementia	---	---	---	---	---	---	---	---	---	---	---	1	3
Encephalitis	2	7	---	6	5	8	5	5	3	2	4	8	55
Epilepsy	3	---	2	2	2	4	1	---	1	2	1	1	19
Exhaustion	1	2	---	---	2	2	---	2	---	1	1	1	12
Hemiplegia	---	1	1	2	---	1	---	---	1	---	1	2	9
Hydrocephalus Acute	1	---	2	1	2	4	7	6	4	4	1	3	35
Lary'gis'us Stridulus	---	---	1	---	---	1	---	---	1	---	2	---	5
Meningitis, Cerebral	18	22	34	39	29	26	49	36	26	25	12	33	349
" Spinal	1	3	4	4	1	4	4	2	3	1	2	2	31
Melancholia	---	---	---	---	---	---	1	---	---	---	---	---	1
Myelitis	1	1	2	2	2	1	---	2	1	---	1	---	13
Prog'ive Loc'or ataxia	1	---	1	---	---	1	1	---	2	---	---	1	7
Paralysis	10	9	6	13	8	7	10	6	10	10	11	10	110
Sclerencephalia	---	---	---	---	---	---	---	---	---	1	---	---	1
Softening of Brain	5	3	4	2	2	2	2	---	2	1	3	2	28
Sunstroke	---	---	---	---	---	3	---	2	4	---	---	---	9
Tetanus, Idiopathic	---	---	1	---	1	1	---	2	---	2	3	---	10
Mania	---	---	---	1	2	---	---	---	---	---	---	1	4
Tetanus, Traumatic	---	---	---	1	1	1	2	4	---	1	---	1	11
Trismus Nascentium	3	---	---	1	3	3	---	---	3	5	1	1	20
Paraplegia	---	---	---	---	---	---	---	1	---	---	---	---	1
Neurasthenia	1	---	---	---	1	---	1	---	---	---	---	---	3
Total	123	128	173	190	146	173	198	162	144	156	127	175	1900
Order 2—*Circulatory*													
Angina Pectoris	3	5	---	---	---	---	---	1	4	1	1	---	15
Aneurism	---	4	1	2	1	---	2	---	---	---	1	1	12
Embolism	---	2	1	1	---	---	1	1	---	1	1	1	9
Endocarditis	1	---	1	4	1	1	---	4	1	1	1	---	15
Heart Dis., Organic	14	12	14	15	19	11	20	11	11	16	17	20	180
" Fatty Degen'n	2	---	1	---	1	---	---	2	1	1	---	2	10

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Heart, Hypertrophy	1		2	2		2		1		1			9
" Valvular Dis.	14	13	4	7	18	10	11	16	10	8	16	11	138
Hem'ge,varic'se veins							1	1				1	3
Pericarditis	5	3		1	4				2	2	1	3	21
Epistaxis	1		1										2
Phlebitis	1	2			1						1	1	6
Total	42	41	25	32	45	24	35	37	29	31	39	40	420
Order 3—*Respiratory.*													
Asthma	11	4	2	5	3	3	5	1	1	3	3	7	48
Bronchitis	33	44	36	27	28	22	20	12	11	12	19	55	319
" Capillary	21	17	26	19	27	24	14	12	10	15	14	31	230
Pneumothorax					1								1
Emphysema			1	1		1	2	1		1	1		8
Empyema	1	1			2	1	1		1			1	8
Hydrothorax					1	2				1			4
Laryngitis		3	4	1	1	2		1	2			3	17
Œdema, Lungs	1	3			2	1		2	3	3	1	3	19
" Glottis	1	1			1		1					1	5
Pleuritis	1	1	2	2		2		1	1			5	15
Pneumonia	85	73	72	85	82	43	49	29	26	33	52	84	713
Congestion of Lungs	3	13	12	5	9	2	2	7	10	7	8	13	91
Tonsilitis	2	2	1										5
Total	159	162	156	145	157	103	94	66	65	75	98	203	1483
Order 4.—*Digestive.*													
Abscess of Liver			2							2		1	5
Cirrosis, Liver	8	3	8	5	4	5	4	7	9	2	6	4	65
Hydatids "			1										1
Colica						1	1	1					3
" Pictonum										1	1		2
Dyspepsia			2	1	1								4
Enteritis	8	7	9	36	21	17	34	23	19	9	10	8	201
Enteremphraxis				1	4	1	3	1	2	1	1	1	15
Gastro, Enteritis	11	5	8	19	15	18	81	49	23	6	12	4	251
Gastritis	4	1	6	17	8	16	8	5	6	8	3	10	92
Hæmatemesis	1				1			1				1	4
Hepatitis	2	3	4	5	2	3	5		4	3	1	1	33
Goitre											2	1	3
Hernia				3				1	1	3	2	2	12
Intussusception		2	4	2	3	3	1	2	3			5	25
Jaundice	1	2	4	1				1	1	2	1	3	16
Peritonitis	5	8	10	15	8	13	10	11	11	11	6	10	118
Stomatitis			1			1	1				1		4
Typhlitis		1	1				1		1	1			5

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
Ulceration of Stomach	3	---	---	2	1	---	---	1	1	2	3	1	14
" Bowels	1	1	1	3	---	---	2	1	2	---	1	---	12
Splenitis	---	---	---	---	---	---	---	---	1	---	---	---	1
Total	44	33	61	110	68	78	151	104	84	51	50	52	886
Order 5.—*Urinary.*													
Bright's Disease	11	13	11	12	11	17	21	8	7	9	13	9	142
Cystitis	2	1	---	3	1	3	1	---	2	1	1	3	18
Diabetes	2	1	1	2	2	---	---	3	1	---	---	4	16
Nephritis	10	4	7	1	6	4	9	7	6	5	7	9	75
Uraemia	---	1	3	1	1	1	2	2	1	---	2	---	14
Hodgkins' Disease	---	---	---	---	---	1	---	1	---	---	---	---	2
Prostatitis	---	1	---	---	---	---	---	---	---	---	---	---	1
Total	25	21	22	19	21	26	33	21	17	15	23	25	268
Order 6.—*Generative.*													
Metritis	2	---	4	---	2	1	---	---	1	---	1	---	11
Polypus Uterus	---	---	---	---	---	---	---	---	---	1	---	---	1
Ovarian Disease	1	1	2	2	2	---	---	2	1	---	3	1	15
Dysmenorrhœa	---	---	---	---	---	---	---	---	1	---	---	---	1
Pelvic Cellulitis	1	2	1	---	2	---	---	1	---	1	---	1	9
Uterine Tumor	---	---	---	---	---	---	---	---	---	---	---	1	1
Orchitis	---	---	---	---	---	---	---	---	1	---	---	---	1
Total	4	3	7	2	6	1	---	3	4	2	4	3	39
Order 7.—*Locomotory Osseous.*													
Necrosis	---	---	---	1	2	1	---	---	2	---	---	---	6
Total	---	---	---	1	2	1	---	---	2	---	---	---	6
Order 8.—*Locomotory Integumentary.*													
Abscess	---	2	2	---	---	2	1	3	---	---	2	2	14
Eczema	---	1	---	---	2	---	---	---	2	---	1	---	6
Psoriasis	---	---	---	---	1	---	---	---	---	---	---	---	1
Ulcer	---	---	---	---	---	1	---	---	---	---	---	1	2
Exopthalmia	1	---	---	---	---	---	---	---	---	---	---	---	1
Lupus	---	---	---	---	---	---	---	---	---	---	---	1	1
Elephantiasis	---	---	---	---	---	---	1	---	---	---	---	---	1
Pemphigus	---	---	---	---	---	---	---	---	---	---	---	1	1
Total	1	3	2	---	3	3	2	3	2	---	3	5	27

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Class 4—Developmental.													
Order 1—*Children.*													
Atelectasis Pulmonum	1	1	2	3	1	2	3	1	2	1	3		20
Congenital Deformity	4	2		2	3	2		1		1	1	2	18
Cyanosis	4		2					2	1		1		10
Congenital Debility	15	10	4	20	15	22	10	9	21	25	23	20	194
Dentition		3	4	3	4	5	8	6	2	4	2	4	45
Hemorrhage, Umbilical		1								1	1	1	4
Icterus Neonatorum	2	1	1				1		1	1		1	8
Spina Bifida	1	1	1	1		1	1		1	1		1	9
Tedious Birth	8	5	2	2	2		2	1	4	1	4	3	34
Total	35	24	16	31	25	32	25	20	32	35	35	32	342
Order 2—*Women.*													
Abortion	2				1	1				1			5
Childbirth		1	3		2		4		3	2	1	2	18
Miscarriage	2	1				1				1			5
Hemorrhage, Post Partum		1	3		2			1			1		8
Placenta Prævia		1		1		1	1						4
Puerperal, Convulsions			3	1	1		2	1	2	2	2	3	17
" Mania					1				1				2
" Peritonitis	11	12	12	11	5	8	4	3	4	6	5	9	90
" Albuminuria	2	1			1				1	1			6
" Septicæmia		1	4	1		1	1		1		3		12
Phlemasia Dolens			1										1
Total	17	18	26	14	13	12	12	5	12	13	12	14	168
Order 3—*Old Age.*													
Debility Senile	26	23	21	24	24	28	14	23	20	21	17	25	266
Gangrene "				1			1		2	1		3	8
Total	26	23	21	25	24	28	15	23	22	22	17	28	274
Order 4—*Nutrition.*													
Asthenia	1	1	2		1	1				2	1		9
Atrophy			1	2	1	2	4		2				12
Total	1	1	3	2	2	3	4		2	2	1		21
Class 5—Violence.													
Order 1—*Accidents.*													
Burns	1	2				4	2	1	5	1	7	1	24
Crushed	1	2		2	1		1	1	3			1	12
Exposure	1			1							2	1	5
Fracture, Skull		1	1		1	1		2	3	2	2	2	15
" Arm				1									1

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
" Spine		2			1		1		1		1		6
" Ribs									1				1
" Leg				1			1						2
" Thigh			2						1				3
Poison			1										1
Poisoned by Morphine			2		2						2	1	7
" Opium							1	2					3
" Stramom									1				1
" Chloral		1		1									2
" Creosote							1						1
" Carbolic Acid				1							1	1	3
" Arsenic												1	1
" Atropine										1			1
" Chloroform								1					1
" Paris Green			1										1
Run over by Wagon	1		1	1	1	1	2		1	3	3		14
Shock, R. R. Accident	6	6	9	9	15	6	6	7	10	3	9	15	101
" Street Car		1	2			2	1	2	1	1	1		11
" Elevator	1	3									1	4	9
" Surgical operat'n		1			1	3	1	2	2	5	3	3	21
Fall from sleigh												1	1
Scalds		3	2		5	2	2			4	2	3	23
Wound, Larcrated		1		1	1	1	1			1	1		7
" Fall	2	6	2	3	7	8	4	9	5	6	6	8	66
" Gunshot			2			1		1	1	1	1		7
Drowning	1		4	1	10	11	8	7	13	14	2		71
Suffocation	4	2			2	3		2	1	3	1	2	20
" Gas			1	2			2						5
Lightning						1							1
Concussion of Brain	1												1
Rupture Uterus					1								1
Hanging										1			1
Electric Shock										1			1
Total	19	31	30	24	48	44	34	37	49	47	45	44	452
Order 2—*Homicide.*													
Murder	1	1	1	1	2	1	4		3	1			15
Manslaughter	1		1			2	1	1		2	2	1	11
Total	2	1	2	1	2	3	5	1	3	3	2	1	26
Order 3—*Suicide.*													
By Cutting Throat				2	1	2		1	1				7
" Wrist											1		1
" Drowning			1	1		5			1				8
" Shooting	1	4	1	1	1	2	2	2	1	1	2	2	20
" Hanging	2	2	9	2		1	1	4	1	1			23
Falling before Engine							1						1

MORTALITY BY MONTHS.—CONTINUED.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Crushed by Eng	---	---	---	---	---	---	---	1	---	---	---	---	1
Poison, Laud'm	1	---	---	---	1	1	---	1	---	1	---	---	5
" Cynid P'tas	1	---	---	---	---	---	---	---	---	1	---	---	2
" Unknown	1	---	---	---	---	---	---	---	---	---	---	---	1
" Morphine	1	---	---	---	---	---	2	---	---	1	---	---	4
Poison	---	1	1	1	1	2	---	1	---	---	1	---	8
" Carb'ic acid	---	1	---	1	---	---	1	---	---	---	---	---	3
" Arsenic	---	---	---	---	2	---	---	---	1	---	---	---	3
Rough on Rats	---	---	---	---	---	1	---	1	---	2	1	---	5
Opium	---	---	---	---	---	---	---	---	---	---	---	1	1
Total	7	8	12	8	6	14	7	11	5	7	5	3	93
Executed	---	---	---	---	---	---	---	---	1	---	---	---	1
Ill Defined	---	---	---	5	1	3	---	1	4	6	5	2	27
Unknown	2	1	2	3	2	3	2	2	---	1	1	---	19
Total	2	1	2	8	3	6	2	3	5	7	6	2	47
Grand Total	862	792	905	1025	1036	1041	1583	1224	1012	910	956	1125	12471

RECAPITULATION.

MORTALITY BY MONTHS.

CAUSE OF DEATH.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Total.
Class 1—Zymotic	217	171	193	241	301	336	795	577	398	317	333	337	4216
" 2—Constitu'l	133	123	154	172	164	154	171	151	137	127	156	161	1803
" 3—Local													
Order 1, *Nervous*	128	128	173	190	146	173	198	162	144	156	127	175	1900
" 2, *Circulatory*	42	41	25	32	45	24	35	37	29	31	39	40	420
" 3, *Respiratory*	159	162	156	145	157	103	94	66	65	75	98	203	1483
" 4, *Digestive*	44	33	61	110	68	78	151	104	84	51	50	52	886
" 5, *Urinary*	25	21	22	19	21	26	33	21	17	15	23	25	268
" 6, *Generative*	4	3	7	2	6	1		3	4	2	4	3	39
" 7, *Loc'ry Os'us*				1	2	1			2				6
" 8, " *Integ'ry*	1	3	2		3	3	2	3	2		3	5	27
Total	403	391	446	499	448	899	1479	1124	862	774	833	1001	11048
Class 4—Develop't													
Order 1, *Children*	35	24	16	31	25	32	25	20	32	35	35	32	342
" 2, *Women*	17	18	26	14	13	12	12	5	12	13	12	14	168
" 3, *Old Age*	26	23	21	25	24	28	15	23	22	22	17	28	274
" 4, *Nutrition*	1	1	3	2	2	3	4		2	2	1		21
Total	79	66	66	72	64	75	56	48	68	72	65	74	805
Class 5—Violence.													
Order 1, *Accidents*	19	31	30	24	48	44	34	37	49	47	45	44	452
" 2, *Homicide*	2	1	2	1	2	3	5	1	3	3	2	1	26
" 3, *Suicide*	7	8	12	8	6	14	7	11	5	7	5	3	93
Executed									1				1
Unk'wn & Ill Defi'ed	2	1	2	8	3	6	2	3	4	7	6	2	46
Total	30	41	46	41	59	67	48	52	62	64	58	50	618
Grand total	862	792	905	1025	1036	1041	1583	1224	1012	910	956	1125	12471

MORTALITY BY MONTHS.

NATIVITIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Chicago	414	387	438	526	567	613	1076	760	603	492	517	604	6997
U. S., elsewhere	123	122	147	172	116	103	150	124	116	120	113	131	1537
Germany	120	118	124	116	166	116	115	140	101	106	127	146	1495
Ireland	87	68	79	79	86	77	75	64	84	60	73	90	922
Canada	13	10	10	13	9	15	12	9	14	14	16	22	157
England	20	16	20	22	16	12	28	19	15	9	16	24	217
Other foreign countries	80	69	78	93	72	98	115	101	74	97	91	101	1069
Unknown	5	2	9	4	4	7	12	6	5	12	3	7	76
Atlantic Ocean	---	---	---	---	---	---	---	1	---	---	---	---	1
Total	862	792	905	1025	1036	1041	1583	1224	1012	910	956	1125	12471

STILL BIRTHS.

Pr'mat're Births	30	29	23	36	22	30	19	35	40	23	18	24	329
Still Births	74	81	70	49	50	68	77	76	75	66	73	78	837

SEX.

Males	443	445	470	572	575	562	869	644	535	473	500	590	6678
Females	419	347	435	453	461	479	714	580	477	437	456	535	5793

COLOR.

White	839	770	889	1000	1015	1022	1565	1201	992	892	936	1100	12221
Colored	23	22	16	25	21	19	18	23	20	18	20	25	250

SOCIAL RELATIONS.

Married	222	223	232	206	214	214	191	201	201	192	227	259	2582
Widows	58	49	51	46	41	44	33	52	35	43	55	71	578
Widowers	22	24	18	29	31	22	13	13	14	21	20	24	251
Single	560	496	604	744	750	761	1346	958	762	654	654	771	9060
Total													12471

MORTALITY BY MONTHS.

AGES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Under 1 year	225	233	281	375	301	331	760	491	360	280	222	320	4179
1 year to 2 years	62	64	65	82	127	149	246	183	130	92	89	80	1369
2 " 3 "	47	30	33	39	57	50	65	46	45	28	46	65	551
3 " 4 "	21	22	20	25	31	26	28	24	27	21	40	43	328
4 " 5 "	17	16	24	11	27	13	12	11	13	22	36	39	241
5 " 10 "	38	37	35	34	61	50	50	41	38	56	76	71	587
10 " 20 "	39	32	47	40	40	56	36	57	40	54	56	53	550
20 " 30 "	92	68	98	99	76	78	89	84	97	92	100	100	1073
30 " 40 "	89	77	80	75	80	73	76	69	78	83	87	89	956
40 " 50 "	55	55	51	58	75	72	67	71	53	50	58	86	751
50 " 60 "	63	54	65	54	62	38	51	51	56	54	55	61	664
60 " 70 "	53	52	65	64	50	54	66	48	41	36	38	56	623
70 " 80 "	42	35	20	48	27	33	22	29	20	28	39	39	382
80 " 90 "	14	16	18	18	20	13	14	16	9	12	10	19	179
90 " 100 "	1	1	3	1	1	3	1	3	4	2	2	---	22
100 " and upwards	---	---	---	---	---	---	---	---	1	---	1	---	2
Unknown	4	---	---	2	1	2	---	---	---	---	1	4	14
Total	862	792	905	1025	1036	1041	1583	1224	1012	910	956	1125	12471
Under 5 years	372	365	421	532	543	569	1111	755	575	443	433	547	6666

MORTALITY BY WARDS AND MONTHS.

MONTHS.	WARDS.																				
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Thirteenth.	Fourteenth.	Fifteenth.	Sixteenth.	Seventeenth.	Eighteenth.	Public Institutions, Etc.	Violence.	Unknown.	Total.
January	7	25	29	37	80	80	66	54	25	15	25	40	32	87	55	41	40	23	73	28	----	862
February	4	19	22	29	75	76	53	48	26	19	23	27	28	111	47	34	29	18	66	38	----	792
March	17	22	19	33	83	79	59	52	30	28	23	32	48	91	61	32	44	24	86	42	----	905
April	6	23	27	35	79	103	69	69	31	33	33	48	39	113	45	55	49	27	107	33	1	1025
May	5	22	13	39	112	134	76	61	25	26	22	30	24	134	63	46	30	25	92	56	1	1036
June	8	15	23	28	85	148	71	56	20	27	28	36	32	162	58	31	27	21	103	61	1	1041
July	12	22	33	43	153	234	108	93	23	28	39	60	44	281	112	69	77	23	83	44	2	1583
August	8	25	17	40	115	162	76	66	25	19	37	44	39	223	62	54	55	21	87	49	----	1224
September	8	14	20	37	93	143	73	53	19	17	25	27	35	167	56	43	41	17	66	58	----	1012
October	2	23	22	25	85	134	49	51	14	19	12	35	34	121	46	34	35	25	87	57	----	910
November	7	12	18	34	107	116	76	52	17	17	32	45	30	130	47	39	30	19	76	52	----	956
December	7	32	22	46	115	144	60	57	17	22	37	55	36	156	49	49	38	24	111	48	----	1125
Total	91	254	265	426	1182	1553	836	712	272	270	336	479	421	1776	701	527	495	267	1037	566	5	12471

DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

MORTALITY BY WARDS AND MONTHS.

MONTHS.	WARDS.																				
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Thirteenth.	Fourteenth.	Fifteenth.	Sixteenth.	Seventeenth.	Eighteenth.	Public Institutions, Etc.	Violence.	Total.
January	3	7	13	17	44	46	33	25	13	8	7	13	17	46	23	13	21	8	12	3	372
February	1	13	5	12	40	41	31	25	15	9	7	7	16	67	26	10	18	9	8	5	365
March	3	11	9	14	52	44	32	26	16	16	8	11	14	45	30	12	26	13	38	1	421
April	4	5	11	15	48	69	45	39	12	14	15	18	19	83	27	32	29	10	36	1	532
May	2	10	6	16	57	97	46	37	12	12	12	8	13	93	36	23	17	12	28	6	543
June	2	4	12	10	57	114	36	30	11	15	15	17	17	107	33	19	15	7	41	7	569
July	5	15	18	26	118	203	84	64	18	21	19	31	34	226	88	46	57	14	22	2	1111
August	1	15	17	19	82	124	51	41	9	15	9	23	20	169	46	36	34	9	31	4	755
September	2	7	12	16	58	105	49	29	8	8	13	15	21	118	33	27	21	8	17	8	575
October	1	6	8	11	51	95	28	30	5	8	6	13	14	74	22	13	22	12	19	5	443
November	1	5	6	10	60	75	40	24	7	8	9	15	9	70	21	22	15	7	15	14	433
December	4	14	7	17	62	98	33	26	7	12	18	21	12	94	25	23	25	10	34	5	547
Total	29	112	124	183	729	1111	508	396	133	146	138	192	206	1192	410	276	300	119	301	61	6666

MORTALITY BY MONTHS.

ZYMOTIC.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Small Pox				2									2
Measles	3	2	6	24	56	85	61	48	12	1	10	11	319
Scarlatina	35	29	29	26	34	26	20	14	16	20	32	35	316
Diphtheria	42	41	29	37	59	35	31	35	44	70	107	119	649
Croup	24	10	24	11	13	10	12	12	9	34	57	40	256
Pertussis	4	5	6	11	9	10	10	11	13	11	11	11	112
Fever, Typhus	1					1				1			3
" Typhoid	42	26	13	18	19	23	22	48	36	39	34	34	354
" Cerbro Spinal	10	10	7	6	14	8	6	3	5	4	11	5	89
" Malarial	10	4	9	10	8	6	10	8	6	9	12	6	98
Diarrhœal Diseases	6	11	14	50	52	94	550	345	212	88	25	20	1467
Other Zymotic Diseases	40	33	56	46	37	38	73	53	45	40	34	56	551
Total	217	171	193	241	301	336	795	577	398	317	333	337	4216

Phthisis Pulmonalis	84	65	94	105	88	95	80	72	72	76	97	106	1034
Acute Lung Diseases	139	138	148	130	146	90	85	59	51	65	91	181	1323

ZYMOTIC MORTALITY BY MONTHS AND WARDS.

WARDS.	January	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First		1	4			1	4	1	1	1		3	16
Second	4	4	4	2	3	3	11	14	7	5	1	11	69
Third	8	2	7	5	4	9	8	6	8	2	5	1	65
Fourth	11	8	13	9	15	8	17	18	10	7	6	11	133
Fifth	21	17	16	18	43	39	85	63	34	41	42	43	462
Sixth	18	18	9	28	57	62	133	93	74	64	55	54	665
Seventh	14	10	12	23	22	24	74	39	31	17	23	17	306
Eighth	17	3	14	14	25	22	46	23	25	19	15	17	240
Ninth	10	6	8	6	7	5	15	7	12	1	6	2	85
Tenth	1	7	4	5	6	9	13	8	10	6	5	3	77
Eleventh	5	2	1	10	8	10	12	17	7	2	9	14	97
Twelfth	10	6	8	10	6	14	20	16	9	11	20	15	145
Thirteenth	7	9	9	11	2	5	31	17	16	16	9	12	144
Fourteenth	16	24	17	24	38	59	135	128	80	61	59	60	701
Fifteenth	20	23	14	8	17	14	69	35	26	13	17	13	269
Sixteenth	12	8	6	11	11	9	33	22	13	9	15	11	160
Seventeenth	13	7	11	17	10	7	48	26	13	12	12	14	190
Eighteenth	5	3	8	6	6	4	9	8	4	5	5	10	73
Public Institutions	25	13	28	34	21	32	32	36	18	25	29	26	319
Total	217	171	193	241	301	336	795	577	398	317	333	337	4216

Phthisis Pulmonalis	84	65	94	105	88	95	80	72	72	76	97	106	1034
Acute Lung Diseases	139	138	148	130	146	90	85	59	51	65	91	181	1323

The influence of meteorological conditions upon mortality may be illustrated by the following tables, which show the number of deaths, by months and quarters, compared with mortality from similar causes for the four preceding years:

FIRST OR WINTER QUARTER OF 1884.

TWELVE WEEKS AND SIX DAYS ENDING MARCH 31.

There were registered during this period 2,559 deaths.

METEROLOGY.

FOR 1884.

Mean temperature of JANUARY was 19.2°; highest temperature 49.3°, on the 30th; lowest 18.5° below zero on 5th; range 67.8°. Rain fell on 13 days to the amount of 1.39 inches. Prevailing direction of wind, west. Mean reading of barometer 30.160 inches; highest, 30.676 and lowest, 29.509; monthly range, 1.167 inches. The mean relative humidity was 68.6 per cent.

Mean temperature of FEBRUARY was 27.7°; highest temperature, 53.0°, on 19th; lowest, 2.8° below zero on the 29th; range, 55.8°. Rain fell on 19 days to the amount of 3.27 inches. Prevailing direction of wind, northwest. Mean reading of barometer, 30.044 inches; highest, 30.058, on the 15th; lowest 29.452, on the 19th; range, 1.056 inches. The mean relative humidity was 69.5 per cent.

Mean temperature of MARCH was 34.2°; highest temperature, 59.2°, on 27th; lowest, .9° below zero on the 4th; range, 60.1°. Rain fell on 18 days to the amount of 5.16 inches. Prevailing direction of wind, north. Mean reading of barometer, 30.034 inches; highest, 30.479, lowest, 29.382; range, 1.097 inches. Mean relative humidity was 67.7 per cent.

The mean temperature of the quarter was 27.0°; highest temperature was 59.2°, on March 27; lowest, 18.5° below zero on January 5th; range, 77.7°. Mean reading of barometer, 30.079; highest, 30.676 inches, on January 26th; lowest, 29.382, on March 25th; range, 1.294 inches. Mean relative humidity 68.6 per cent. Rain or snow fell on 50 days to the amount of 9.82 inches.

TABLE I.

COMPARATIVE MORTALITY OF WINTER QUARTER.	January.	February.	March.	1884	1883	1882	1881	1880
Small Pox	----	----	----	----	32	888	94	----
Measles	3	2	6	11	8	63	7	68
Scarlatina	35	29	29	93	96	59	54	115
Diphtheria	42	41	29	112	156	121	170	263
Croup	24	10	24	58	67	93	128	139
Whooping Cough	4	5	6	15	22	20	16	18
Fever, Typhus	1	----	----	1	1	2	3	6
Fever, Typhoid	42	26	13	81	52	126	41	25
Fever, Cerebro Spinal	10	10	7	27	40	29	56	13
Fever, Malarial	10	4	9	23	19	29	13	19
Diarrhoeal Diseases	6	11	14	31	35	48	45	18
Other Zymotic Diseases	40	33	56	129	146	110	129	89
Phthisis Pulmonalis	84	65	94	243	272	327	257	237
Acute Lung Disease	139	138	148	425	427	551	386	329
Children under 5 years of age	372	365	421	1158	1278	1702	1219	1150
Total Deaths from all causes	862	792	905	2559	2793	3820	2701	2365

SECOND OR SPRING QUARTER OF 1884.

THIRTEEN WEEKS ENDING JUNE 30.

During this period there were registered 3,102 deaths.

METEROLOGY.

The mean temperature of APRIL was 44.3°; highest temperature, 77.2° on 30th; lowest, 31.8°, on 2d; range, 46.2°. Rain fell 9 days to the amount of 3.05 inches. Prevailing direction of wind, east. Mean reading of barometer, 29.959 inches. Highest, 30.383, on the 22nd; lowest, 29.289, on the 15th. Range, 1.094 inches. Mean relative humidity, 67.6 per cent.

The mean temperature of MAY was 56.7°. Highest temperature,.78.0°, on the 22nd; lowest, 40.0° on 2d and 7th; Range, 38 0°. Rain fell on 10 days to the amount of 1.53 inches. Prevailing direction of wind, north. Mean reading of barometer, 29.930 inches. Highest, 30.365, on the 29th; lowest, 29.484, on 14th. Range, 0.806. Mean relative humidity, 65 5 per cent.

The mean temperature of JUNE was 65.0°. Highest temperature, 86.4, on the 23d; lowest, 47.0°, on the 11th. Range, 39.4°. Rain fell on 6 days to the amount of 2.11 inches. Prevailing direction of wind, north. Mean reading of barometer, 30.022. Highest, 30.260,

on the 14th; lowest, 29.674, on the 9th. Range, 0.762 inches. Mean relative humidity, 73.3.

The mean temperature of the quarter was 55 3°. Highest, 86.4°, on June 23d; lowest, 31 0°, on April 2d. Range, 55.4°. Mean reading of barometer, 29 970 inches. Highest, 30.383, on April 21st; lowest, 29.289, on April 15th. Range, 1.094 inches. Mean relative humidity, 68.7 per cent. Rain fell on 25 days to the amount of 6.69 inches.

TABLE II.

COMPARATIVE MORTALITY OF SPRING QUARTER.	April.	May.	June.	1884	1883	1882	1881	1880
Small Pox	2	----	----	2	14	310	136	23
Measles	24	56	85	165	19	154	45	40
Scarlatina	26	34	26	86	101	37	60	83
Diphtheria	37	59	35	131	119	147	122	155
Croup	11	13	10	34	47	53	82	102
Whooping Cough	11	9	10	30	22	30	42	16
Fever, Typhus	----	----	1	1	----	2	1	3
Fever, Typhoid	18	19	23	60	46	57	63	29
Fever, Cerebro Spinal	6	14	8	28	27	41	160	25
Fever, Malarial	10	8	6	24	30	13	12	13
Diarrhoeal Diseases	50	52	94	196	153	111	278	209
Other Zymotic Diseases	46	37	38	121	111	109	152	136
Phthisis Pulmonalis	105	88	95	288	263	256	270	215
Acute Lung Diseases	130	146	90	366	310	378	364	404
Children under 5 years of age	532	543	569	1644	1281	1497	1759	1442
Total deaths from all causes	1025	1036	1041	3102	2669	3092	3291	2558

THIRD OR SUMMER QUARTER OF 1884.

THIRTEEN WEEKS AND ONE DAY ENDING SEPTEMBER.

During this quarter there were registered 3,819 deaths.

METEOROLOGY.

The mean temperature of JULY was 69.2°. Highest temperature, 89.2°, on the 22d; lowest, 53.8°, on the 6th; range, 35.4°. Rain fell on 12 days to the amount of 3.71 inches. Prevailing direction of wind, east. Mean reading of barometer, 29 905 inches. Highest barometer, 30.178, on the 20th; lowest, 29.626, on the 5th. Range, 0 552 of an inch. Mean relative humidity, 69.9 per cent.

The mean temperature of AUGUST was 68 8°. Highest temperature, 91 2°, on 19th; lowest, 51.1° on 10th. Range, 40.1°. Rain fell on 9 days to the amount of 2.50 inches. Prevailing direction of wind, south. Mean reading of barometer, 30.015 inches. Highest, 30.343 on the 9th; lowest, 29.663 on 29th. Range, 0.680 of an inch. Mean relative humidity, was 68.3 per cent.

Mean temperature of SEPTEMBER was 68.9°. Highest temperature, 88.7°, on 9th; lowest, 50.6°, on 21st. Range, 38.1°. Rain fell on 4 days to the

amount of 2.29. Prevailing direction of wind, south. Mean reading of barometer, 29.997 inches. Highest barometer, 30.402, on 13th; lowest, 29.500, on 24th. Range, 0.902 of an inch. Mean relative humidity, 68 6 per cent.

The mean temperature of the quarter was 69.0°. Highest temperature was 91.2°, on Aug. 19th, lowest 50.6°, on Sept. 21st. Range, 40.6°. Mean reading of barometer, 29.972 inches. Highest barometer was 30.402, on September 13th; lowest, 29.500 inches on September 24th. Range, 0.902 of an inch. Mean relative humidity, 68 6 per cent. Rain fell on 32 days to the amount of 8.50 inches.

TABLE III.

COMPARATIVE MORTALITY OF SUMMER QUARTER.	July.	August.	September.	1884	1883	1882	1881	1880
Small pox	---	---	---	---	---	33	282	6
Measles	61	48	12	121	9	22	31	15
Scarlatina	20	14	16	50	103	20	41	89
Diphtheria	31	35	44	110	127	96	112	217
Croup	12	12	9	33	30	27	54	72
Whooping cough	10	11	13	34	38	36	48	22
Fever, Typhus	---	---	---	---	1	1	5	3
" Typhoid	22	48	36	106	117	137	169	59
" Cerebro spinal	6	3	5	14	19	37	54	21
" Malarial	10	8	6	24	26	24	28	20
Diarrhœal diseases	550	345	212	1107	944	1114	1320	768
Other Zymotic diseases	73	53	45	171	128	149	169	148
Phthisis Pulmonalis	80	72	72	224	250	232	233	207
Acute Lung diseases	85	59	51	195	178	185	200	148
Children under 5 years of age	1111	755	575	2441	2186	2337	2835	1972
Total deaths from all causes	1583	1224	1012	3819	3543	3741	4763	3173

FOURTH OR AUTUMNAL QUARTER OF 1884.

THIRTEEN WEEKS AND ONE DAY ENDING DECEMBER.

During this period there were registered 2,991 deaths.

METEOROLOGY.

The mean temperature for OCTOBER was 56.4°. Highest temperature, 83.4°, on 2d and 5th; lowest, 27.7°, on 23d. Range, 5.57. Rain fell on 9 days to the amount of 3.59 inches. Mean barometer reading 30.106 inches. Highest barometer, 30.562 on the 14th; lowest, 29.794, on the 5th. Range, 0 732. Mean relative humidity, 69.3 per cent. Prevailing wind, southwest.

The mean temperature of NOVEMBER was 39.6°. Highest temperature, 64.4, on the 9th; lowest, 5.4°, on the 24th. Range, 59.0. Rain or snow fell on 9 days to the amount of 1.80 inches. Mean reading of barometer, 30.093 inches. Highest barometer, 30.481, on the 6th; lowest, 29.417, on 23d. Range, 1,063 inches. Mean relative humidity, 75.3 per cent. Prevailing wind, southwest.

The mean temperature of DECEMBER was 28.4°. Highest temperature, 61.2° on the 30th; lowest, 11.2°,

below zero on the 19th; Range, 72.4°. Rain or snow fell on 18 days to the amount of 4.21 inches Prevailing wind, south. Mean reading of barometer, 30.-120 inches Highest barometer, 30 653, on the 25th; lowest, 29,336, on the 6th. Range 1.317. Mean relative humidity, 79.6 per cent.

Mean temperature of the quarter was 41.5°. Highest temperature was 83.4°, on Oct. 2d and 5th; lowest, 11.2° below zero, on Dec. 19th. Range, 94.6°. Mean reading of barometer, 30.106 inches. Highest, 30-653 on Dec. 25th; lowest, 29.336, on December 6th; range, 1.317 inches Mean relative humidity, 74.7 per cent. Rain or snow fell on 36 days to the amount of 9.60 inches.

TABLE IV.

COMPARATIVE MORTALITY OF AUTUMN QUARTERS.	October.	November.	December.	1884	1883	1882	1881	1880
Small pox								
Measles	1	10	11	22	8	5	19	3
Scarlatina	20	32	35	87	100	84	32	52
Diphtheria	70	107	119	296	190	157	190	295
Croup	34	57	40	131	81	59	124	220
Whooping cough	11	11	11	33	10	15	30	12
Fever, Typhus	1			1			6	
" Typhoid	39	34	34	107	146	142	249	58
" Cerebro spinal	4	11	5	20	22	13	20	17
" Malarial	9	12	6	27	20	23	22	19
Diarrhœal diseases	88	25	20	133	87	114	96	58
Other Zymotic diseases	40	34	56	130	107	121	107	106
Phthisis Pulmonalis	76	97	106	279	231	227	270	194
Acute Lung diseases	65	91	181	237	282	275	297	244
Children under 5 years of age	443	433	547	1423	1127	1109	1381	1076
Total deaths from all causes	910	956	1125	2991	2550	2601	3346	2366

COMPARATIVE METEOROLOGICAL STATEMENT FOR 1884.

YEAR.	BAROMETER*.				THERMOMETER*.				WIND.			RAIN AND MELTED SNOW.	
	Highest.	Lowest.	Range.	Mean.	Highest.	Lowest.	Range.	Mean.	Prevailing Direction.	Highest Velo'y. Miles per Hour.	Total No. of Miles Traveled.	No. of Days Rain or Snow Fell.	Amount of Rain or Melted Snow — Inches.
1876	30.615	28.965	1.650	29.965	93°	—14°	107°	49.1°	S. W	45	69,085	154	36.48
1877	30.700	29.170	1.530	29.988	91°	— 4°	95°	50.5°	S. W.	50	76,009	149	41.01
1878	30.603	29.224	1.379	29.928	97°	— 9°	106°	51.7°	S. W.	36	67,667	172	41.95
1879	30.655	29.224	1.411	30.022	93°	—18°	121°	50.2°	S. W.	28	62,155	135	30.71
1880	30.792	28.988	1.804	30.005	95°	—15°	110°	50.0°	S. W.	36	74,192	183	37.10
1882	30.717	29.252	1.465	30.037	89.5°	— 7.1°	96.6°	49.6°	S. W.	32	76,222	151	41.34
1883	30.718	29.426	1.292	30.051	91.0°	—17.2°	108.2°	46.3°	S. W.	33	74,140	168	45.86
1884	30.676	29.289	1.387	30.032	91.2°	—18.5°	109.7°	48.2°	S. W.	36	68.018	143	34.61

*The readings of the Barometer were in each case corrected for Temperature, Elevation and Instrumental error.

*The Dash (—) indicates below zero.

METEOROLOGY BY MONTHS, 1884.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Reduced to Sea Level. Mean Barometer	30.160	30.044	30.034	29.959	29.930	30.022	29.905	30.015	29.997	30.106	30.093	30,120
Reduced to Sea Level. Highest "	30.676	30.508	30.479	30.383	30.365	30.260	30.178	30.343	30.402	30 526	30.481	30.653
Reduced to Sea Level. Lowest "	29.509	29.452	29.382	29.289	29.484	29.674	29.626	29.663	29.500	29.794	29.417	29.336
Mean Thermometer	19.2	27.7	34.2	44.3	56.7	65.0	69.2	68.8	63.9	56.4	39.6	28.4
*Highest "	49.3	53.0	59.2	77.2	78.0	86.4	89.2	91.2	88.7	83.4	64.4	61.2
Lowest "	—18.5	— 2.8	— 0.9	31.0	40.0	47.0	53.8	51.1	50.6	27.7	5.4	—11.2
Mean Relative Humidity	68.6	69.5	67.7	67.6	65.5	73.0	69.9	68.3	68.6	69.3	75.3	79.6
Amount of Rain or melted Snow	1.39	3.27	5.16	3.05	1.53	2.11	3.71	2.50	2.29	3.59	1.80	4.21
Prevailing Direction of Wind	W.	N. W.	N.	E.	N.	N.	E.	S.	S.	S. W.	S. W.	S.
Total Number of miles "	6713	5412	6168	6364	6016	4496	4293	4996	5800	5745	5441	6574

*The Dash (—) indicates below zero.

METEOROLOGICAL FEATURE OF THE YEAR.

FOR 1884.

The mean temperature was 48.2°, 1.9° higher than that of 1883. The highest temperature, 91.2°, occurred Aug. 19th; lowest, 18.5°, below zero, on January 5th, being a range of 109.7°. Rain or snow fell upon 143 days to the amount of 34.61 inches. During the preceding year only 45.86 inches fell. The greatest atmospheric pressure, 30.676 inches, occurred on January 26th; the least, 29.289 inches on April 15th, being a range of 1.387 inches. The mean was 30.032 inches. The mean annual relative humidity was 70.2 per cent.

TABLE I.

The following table gives the population, number of deaths, and the annual death rate per 1,000 inhabitants by Wards:

WARDS.	Population.	Deaths.	Deaths in 1,000 of Population.
First	12,296	91	.....
Second	17,348	254	14.65
Third	19,005	265	13.94
Fourth	35,738	426	11.92
Fifth	65,177	1182	18.13
Sixth	54,876	1553	28.30
Seventh	46,107	836	18.13
Eighth	41,292	712	17.24
Ninth	21,225	272	12.81
Tenth	18,329	270	14.73
Eleventh	26,542	336	12.66
Twelfth	36,102	479	13.27
Thirteenth	26,078	421	16.14
Fourteenth	81,380	1776	21.82
Fifteenth	39,962	701	17.59
Sixteenth	30,050	527	17.53
Seventeenth	31,252	495	15.84
Eighteenth	27,226	267	9.81

TABLE II.

The following table gives the number of deaths, and also percentage of the more important diseases, (except Zymotic.)

DISEASES.	Number of Deaths.	Percentage of Deaths to Total Mortality.
*Acute Lung Disease	1323	10.60
Phthisis Pulmonalis	1034	8.29
Convulsions—Infantile	842	6.75
Deaths by Violence	572	4.59
Gastro Enteritis	452	3.62
Meningitis	380	3.05
Heart Diseases	373	2.99
Old Age	274	2.20
Cancer	265	2.13
Puerperal Diseases	168	1.35
Apoplexy	155	1.24
Bright's Disease	142	1.14

*Acute Lung Diseases include Pneumonia, Bronchitis, Congestion of Lungs and Pleuritis.

TABLE III.

The following table gives the number of deaths from Zymotic diseases, and the annual death rate per 1,000 inhabitants, by Wards:

WARDS.	Deaths.	Deaths in 1,000 Population by Wards.
First	16	.....
Second	69	3.98
Third	65	3.42
Fourth	133	3.72
Fifth	462	7.09
Sixth	665	12.12
Seventh	306	6.64
Eighth	240	5.81
Ninth	85	4.01
Tenth	77	4.20
Eleventh	97	3.65
Twelfth	145	4.01
Thirteenth	144	5.52
Fourteenth	701	8.61
Fifteenth	269	6.73
Sixteenth	160	5.32
Seventeenth	190	6.08
Eighteenth	73	2.68
Public Instuitions	319	.....

TABLE IV.

The following table gives the number and percentage of the more important Zymotic diseases:

DISEASES.	Number of Deaths.	Percentage of Deaths to Total Mortality.
*Diarrhœal Diseases	1467	11.76
Diphtheria	649	5.20
Croup	256	2.05
Scarlet Fever	316	2.53
Typhoid "	354	2.84
Measles	319	2.56
Inanition	326	2.61
Small Pox	2	0.02

*Diarrhoeal Diseases include Cholera Infantum, Diarrhoea, Dysentery, Cholera Morbus, and Entero Colitis.

TABLE V.

The following table gives the number of deaths caused by the principal Zymotic diseases in the following years:

DISEASES.	YEARS.				
	1884.	1883.	1882.	1881.	1880.
Cholera Infantum	899	751	842	1110	673
Cholera Morbus	33	27	31	48	36
Croup	256	225	232	400	533
Diphtheria	649	592	521	609	930
Diarrhœa	244	219	242	317	147
Dysentery	77	76	79	63	52
Entero Colitis	214	146	193	233	144
Fever, Cerebro Spinal	89	108	120	320	76
" Scarlet	316	400	200	187	339
" Typhoid	354	361	462	568	171
Measles	319	44	244	110	129
Erysipelas	56	58	51	68	49
Small Pox	.....	46	1292	180	43

TABLE VI.

The following table gives the population, total number of deaths, and annual death rate for each of the following years:

YEAR.	Population.	Deaths.	No. of Deaths in 1,000 Population.
1870	298,000	7,323	24.52
1871	334,270	6,976	20.87
1872	367,396	10,156	27.67
1873	380,000	9,557	25.16
1874	395,400	8,075	20.29
1875	407,000	7,899	19.41
1876	420,000	8,573	20.41
1877	439,776	8,026	18.24
1878	450,000	7,422	16.50
1879	475,000	8,614	18.01
1880	503,298	10,462	20.79
1881	540,000	13,874	25.69
1882	560,693	13,234	23.60
1883	580,000	11,555	19.92
1884	630,000	12,471	19.80

HEALTH DEPARTMENT.

SMOKE INSPECTOR'S REPORT.

To OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—Having been assigned in addition to other duties, to the inforcement of Sections 1650, 1651, 1652 of the municipal code, known as the Smoke Ordinance, I respectfully submit the annexed report of my efforts to rid the city of this nuisance.

LOUIS MERKI,

Inspector.

SMOKE INSPECTOR'S REPORT FROM JULY, 1882, TO DECEMBER 31, 1884.

Notices served to abate smoke nuisance	2,014
Personal visits made and violations observed	1,620
Complaints made by communications	264
Complaints by persons in office	130
Abatements of the nuisance	614
Abatements not satisfactory	89
Suits commenced (but not prosecuted) nuisance abated	268
Suits prosecuted	83
Estimated number of boilers in use in city	6,000

The Smoke Ordinance was passed by the City Council, April, 1881. Following is a copy of the Ordinance:

"SECTION 1650.—The emission of dense smoke from the smoke stack of any boat or locomotive, or from any chimney anywhere within the city, shall be deemed and is hereby declared to be a public nuisance: Provided, that chimneys of buildings used exclusively for private residences shall not be deemed within the provisions of this ordinance."

"SEC. 1651.—The owner or owners of any boat or locomotive engine, and the person or persons employed as engineer or otherwise, in the working of the engine or engines in said boat, or in operating such locomotive, and the proprietor, lessee and occupant of any building, who shall permit or allow dense smoke to issue or be emitted from the smoke stack of any such boat or locomotive, or the chimney of any building within the corporate limits, shall be deemed and held guilty of creating a nuisance, and shall for every such offense be fined in a sum not less than five dollars nor more than fifty dollars. Sections 1650, 1651, and 1652 shall take effect and be in force from and after May 1, 1881."

"SEC. 1652.—It shall be the duty of the Commissioner of Health and the Superintendent of Police to cause Sections 1650 and 1651 of this article to be enforced, and to make complaint against and cause to be prosecuted all persons violating the same."

Since the passage of the foregoing ordinance there have been over two thousand notices served to abate smoke nuisances. During the same period there have been seven hundred smoke-preventing appliances attached to furnaces, of which fully six hundred are now in successful operation; all doubt as to the feasibility and legality of the ordinance have been dispelled, and business men generally are beginning to appreciate and approve the necessity of the ordinance. Eighty-three suits have been prosecuted against violators of the ordinance, but in all cases the nuisance was abated before the day set for trial. I have at all times en-

deavored to abate the nuisance rather than cause fines to be imposed. Great progress has been made within the last two years by the improvements of smoke-preventing devices and the invention of new ones; nowhere in the United States have they attained such a state of perfection in so short a time as in the City of Chicago. I have personally examined within two years over sixty different devices, but only six of them have proved successful and each of the six now in successful operation differ in merits generally, but all abate the smoke nuisance. A great aid to any device is careful and judicious firing; but this essential requirement is wanting in three boiler rooms out of every four. First, only practical engineers should have charge of boilers and furnace rooms. More fuel is wasted in many buildings than the salary of two engineers amounts to by unskilled firing. I find men in charge of boiler rooms under buildings, where hundreds of people congregate daily, that do not know the difference between a direct and a return flue boiler (thanks to the inventor of safety valves). All they know is to fill the furnace full of coal and watch the steam gauge and peruse cheap works of fiction, often being so ingrossed in the contents thereof that the furnace is reduced to ashes, and the steam run down before firing; then overfeeding the furnace to get steam, these chimneys vomit 15 to 20 per cent. of the coal in the form of smoke into the air. A good, skilled fireman or engineer is half of any smoke con-

sumer, unless it be an automatic one. Another cause of neglect in engine and furnace rooms is the indifference of owners and proprietors to include daily the furnace room in their rounds through their business offices. It may not only have a tendency to prevent the emission of dense smoke, but the coal bill may be reduced by these observations. The fuel should always be near the furnace, so that in firing the furnace doors are not kept open longer than absolutely necessary. It will also keep the fuel warmer and result in combustion more readily. Firing should be performed often and light, to insure perfect combustion, thereby getting the full benefit of the fuel consumed. With the devices now in use all grades of soft or bituminous coal can be successfully used for steaming purposes, and conform to the requirements of the smoke ordinance. Citizens generally should observe the following rules in selecting a device:

First. Its application to your furnace and cost.

Second. Its durability and fuel consumption.

Third. Its steaming capacity and effect on boiler and furnace.

Fourth. Does it prevent the emission of dense smoke?

The construction of a furnace, boiler settings, grate bars and draught are essential points, and it is with a

degree of pleasure that I observe this improvement within the last year in new buildings erected, and those now in course of construction. An engine and furnace room should be large and well lighted and ventilated. It should be made attractive instead of a dungeon under a sidewalk or in a sub-cellar, without light or air, where the heat is so intense and air so stifling that firemen are often obliged to leave their furnace rooms for fresh air. This condition of affairs exists to an alarming extent in our business blocks and workshops, and is in many places ample excuse for neglect. As a whole, the results for the last two years are apparent to every citizen, and with continued enforcement of the ordinance the once great source of the smoke nuisance will be a thing of the past.

Very respectfully,

LOUIS MERKI,

Inspector.

CLERK'S REPORT.

JANUARY 15, 1884.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—I herewith present the report of work performed by the Sanitary Police, Meat Inspectors, Day Scavenger service, Licensed Night Scavengers, and Dead Animal Contractors for the year 1883.

Respectfully,

LOUIS MERKI, Clerk.

NUISANCE NOTICES SERVED AND NUISANCES ABATED DURING THE YEAR 1883.

January	413
February	491
March	650
April	1,011
May	1,654
June	1,520
July	1,564
August	1,953
September	1,213
October	755
November	914
December	391
Total	12,529

SEWER CONNECTIONS MADE AND NOTICES SERVED DURING YEAR, 1883.

MONTHS.	Notices Served.	Connections Made.
April	51	15
May	114	63
June	24	17
July	31	35
August	54	21
September	351	431
October	483	365
November	21	41
December		
Total	1,129	988

A permit is required from the Department of Sewers before Stubs can be connected.

MEATS CONDEMNED AS UNFIT FOR FOOD DURING THE YEAR, 1883.

MONTHS.	POUNDS.	TOTAL BY QUARTERS.	
January	30,156		
February	28,000		
March	23,316	First Quarter	81,472
April	18,450		
May	21,300		
June	30,600	Second Quarter	70,350
July	35,155		
August	24,780		
September	31,545	Third Quarter	91,480
October	32,140		
November	28,790		
December	21,647	Fourth Quarter	82,579
Total	325,879	Total	325,879

The above Condemned Meats were all consigned to the Rendering tanks and converted into Fertilizer.

COMPARATIVE TABLE OF CONDEMNATIONS FOR TEN YEARS.

YEARS.	TOTAL POUNDS EACH YEAR.
1874	214,670
1875	162,382
1876	103,780
1877	177,789
1878	243,086
1879	382,821
1880	400,177
1881	379,631
1882	403,404
1883	325,879
Total Pounds	2,793,619

DEAD ANIMALS REMOVED BY THE CONTRACTOR FROM THE STREETS AND ALLEYS OF THE CITY FOR 1883.

MONTHS.	Horses.	Cattle.	Calves.	Sheep.	Dogs.
January	164	7	31	10	245
February	200	4	14	58	700
March	221	21	9	22	1,420
April	190	9	51	31	1,170
May	255	15	16	85	893
June	214	19	15	72	514
July	251	17	8	3	895
August	384	28	34	13	914
September	288	7	4	2	813
October	315	4	------	17	360
November	256	15	------	------	280
December	293	9	------	------	113
Total	3,031	155	182	313	8,317

The above dead animals were all removed to the works of the Union Rendering Company, 30 miles from Chicago, and converted into Fertilizer.

COMPARATIVE TABLE OF DEAD ANIMALS REMOVED FOR TEN YEARS.

YEARS.	Horses.	Mules.	Cattle.	Calves.	Sheep.	Dogs.	Totals.
1873	2,783	10	85	23	62	7,250	10,213
1874	1,688	------	173	182	179	18,164	20,366
1875	1,960	------	72	226	53	12,617	14,929
1876	1,380	------	65	98	14	21,961	23,518
1877	1,450	15	115	114	91	18,381	20,166
1878	1,622	------	66	675	70	8,804	11,237
1879	1,677	------	65	862	70	6,829	9,503
1880	1,941	4	41	162	113	11,338	13,599
1881	1,663	------	64	851	69	6,763	9,410
1882	1,958	5	42	163	114	11,451	13,733
1883	3,031	------	155	182	313	8,317	11,998

NIGHT SCAVENGER PERMITS ISSUED TO CLEAN VAULTS AND NO. OF CUBIC YARDS REMOVED DURING YEAR 1883.

MONTHS.	Permits Issued.	Cubic Yards Removed.
January	71	142
February	213	426
March	258	516
April	314	628
May	861	1722
June	790	1580
July	968	1936
August	1250	2500
September	651	1301
October	437	874
November	314	628
December	168	336
Total	6294	12588

The above Soil was removed by 30 Licened Scavengers to towns of Cicero, Lake View and Harvey's Grand Avenue Gardens, to be used as Fertilizer.

SUITS COMMENCED FOR VIOLATIONS OF HEALTH ORDINANCES DURING YEAR, 1883.

CAUSE OF SUIT.	No. of Suits.
For Depositing Manure in Alleys	65
" " Manure in Vacant Lots	24
" " Filth and Rubbish in Alleys	81
" " Filth and Rubbish in Vacant Lots	14
" Refusing to Clean Full and Offensive Privy Vaults	83
" Burying the Contents of Privy Vaults	9
" " " Catch-Basins	3
" Improper Sewer Connections	14
" Offensive Drains and Catch-Basins	18
" Depositing Garbage and Kitchen Refuse in Alleys	41
" Keeping more than three (3) Head of Cattle	5
" " Filthy Cow Stables and Barns	21
" Offensive Rendering	4
" Conducting an Offensive Business	3
Total	385

CHICAGO, JANUARY, 1885.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—I have the honor to herewith present a detailed report of the work performed by the Sanitary Police, Day Scavenger Service, Meat Inspectors, Dead Animal Contractor and Licensed Night Scavenger Work, also Report of Smoke Inspector, for the year 1884.

Respectfully submitted,

LOUIS MERKI, Clerk.

1884.

NUISANCES ABATED BY THE DEPARTMENT OFFICERS, BY MONTHS.

MONTHS.	Nuisances Abated.
January	407
February	518
March	765
April	960
May	1803
June	1483
July	1555
August	2152
September	1124
October	800
November	1131
December	354
Total number of Nuisances Abated	13052

1884.

NOTICES SERVED TO MAKE SEWER CONNECTIONS.

MONTHS.	Notices Served.	Con'ctions Made.
March	5	
April	68	
May	31	
June	14	25
July	182	152
August	70	65
September	254	114
October	310	351
November	115	214
December	11	76
Totals	1060	997

MEATS CONDEMNED AS UNFIT FOR FOOD DURING THE YEAR 1884.

MONTHS.	Pounds.	
January	20,910	
February	1,474	
March	18,750	First Quarter 41,134 lbs.
April	11,456	
May	22,619	
June	21,875	Second Quarter 55,950 lbs.
July	5,525	
August	5,845	
September	23,350	Third Quarter 34,720 lbs.
October	11,440	
November	19,975	
December	10,070	Fourth Quarter 41,485 lbs.
Totals	173,289	

Above condemned articles taken to rendering establishments and converted into Fertilizer.

1884.

COMPARATIVE TABLE OF MEAT CONDEMNED FOR TEN YEARS.

YEAR.	NO. OF POUNDS EACH YEAR.
1875	162,382
1876	103,780
1877	177,789
1878	243,086
1879	382,821
1880	400,177
1881	379,631
1882	403,404
1883	225,879
1884	173,289

DEAD ANIMALS REMOVED BY THE CONTRACTOR FROM THE STREETS AND ALLEYS DURING THE YEAR 1884.

MONTHS.	Horses.	Mules.	Cattle.	Sheep.	Calves.	Dogs.
January	198		12	61	22	332
February	210		7	33	12	800
March	264	2	17	30		1450
April	226		11	30	44	1250
May	282	4	14	117	32	875
June	211		14	15	7	675
July	236		11	4	8	1000
August	420	1	21	13	18	892
September	331		14	2	8	700
October	320		16	13	8	443
November	293		19	1		295
December	244		15		12	160
Totals	3235	7	171	349	171	17872

The above animals were removed by the contractor by railroad to a point 30 miles from Chicago, and converted into Fertilizer.

1884.

COMPARATIVE TABLE OF DEAD ANIMALS REMOVED FROM THE CITY FOR TEN YEARS.

YEAR.	Horses.	Mules.	Cattle.	Calves.	Sheep.	Dogs.	Total.
1874	1668	-------	173	182	179	18164	20,366
1875	1960	-------	72	226	53	12617	14,929
1876	1380	-------	65	98	14	21961	23,518
1877	1450	15	115	114	91	18381	20,166
1878	1622	-------	66	675	70	8804	11,237
1879	1677	-------	65	862	70	6829	9,503
1880	1941	4	41	162	113	11338	13,599
1881	1663	-------	64	851	69	6763	9,410
1882	1958	5	42	163	114	11451	13,733
1883	3031	-------	155	182	313	8317	11,998
1884	3235	7	171	171	349	17872	21,806

1884.

NIGHT SCAVENGER PERMITS ISSUED AND NUMBER OF CUBIC YARDS OF SOIL REMOVED.

MONTHS.	Permits Issued.	Cubic Yards Removed.
January	98	196
February	275	550
March	302	604
April	335	670
May	1052	2104
June	906	1812
July	1380	2760
August	1725	3450
September	906	1812
October	528	1456
November	498	996
December	173	346
Totals	8178	16356

The above soil was removed to Harvey's Grand Avenue Farm; to Towns of Cicero, Lake View and Jefferson, to be used as Fertilizer.

1884.

SUITS COMMENCED FOR VIOLATIONS OF HEALTH ORDINANCES AND SANITARY RULES.

CAUSE.	Suits.
For Depositing Stable Manure in Alley without Box	45
" " " " on Vacant Lots	47
" " Filth and Rubbish in Alleys	65
" " " " " in Street and in Vacant Lots	24
" Maintaining Full and Offensive Privy Vaults	104
" Depositing Night Soil into Alley	5
" Defective Drainage	27
" Offensive Sewer and Catch-Basin	15
" Failing to provide suitable Vessel for Garbage.	17
" Keeping more than three (3) Head of Cattle	18
" " Filthy stables and Premises	12
" Rendering or Cooking Offensive Matter	7
Total	296

COST OF DAY SCAVENGER SERVICE FOR YEAR 1884.

MONTHS.	Cost.
January	$ 8,900 00
February	7,632 00
March	7,872 23
April	18,889 42
May	13,573 23
June	11,264 21
July	12,543 90
August	15,492 75
September	14,272 00
October	13,960 21
November	10,245 25
December	10,269 25
Total	$ 144,924 05

Work performed by teams employed by the Commissioner at $3.50 per team per day.

REPORT OF SUPERINTENDENT

OF

SMALL POX HOSPITAL.

1883–1884.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—I herewith submit a tabulated report of Patients treated at the Small Pox Hospital for the years 1883–1884, the total number of cases for 1883 were 62 and 14 for 1884. Total number of Deaths for 1883 were 13, and 2 in 1884.

Respectfully submitted,

LOUIS MERKI, Clerk of Dept.

CASES OF SMALL POX TREATED IN HOSPITAL FOR 1883.

MONTHS.	Cases.	Recovered.	Died.
January	20	17	3
February	3	3	
March	13	10	3
April	15	12	3
May	6	3	3
June	5	4	1
Total	62	49	13

Hospital in care of the Sisters of Charity. P. H. McElroy, M. D., physician in charge.

TREATED IN HOSPITAL BY AGE AND NATIONALITY FOR 1883.

AGES.	Cases.	Nationalities.	Cases.
Under 1 year	2	United States	13
From 1 to 2 years	2	Bohemia	1
" 2 " 3 "	1	Canada	7
" 3 " 4 "	1	England	1
" 4 " 5 "	3	Germany	17
" 5 " 6 "	3	Ireland	10
" 6 " 7 "	5	Norway	5
" 7 " 8 "		Poland	3
" 8 " 9 "		Sweden	3
" 9 " 10 "	1	Switzerland	2
" 10 " 20 "	15	Colored	2
" 20 " 30 "	16		
" 30 " 40 "	7		
" 40 " 50 "	4		
" 50 " 60 "			
" 60 " 70 "	1		
" 70 " 80 "	1		
Total	62		62

CASES OF SMALL POX TREATED IN HOSPITAL FOR 1884.

MONTHS.	Cases.	Recovered.	Died.
January	6	6	
February			
March	2	1	1
April	2	1	1
May	4	4	
June			
Total	14	12	2

TREATED IN HOSPITAL BY AGES AND NATIONALITIES FOR 1884.

AGES.	Cases.	Nationalities.	Cases.
Under 1 year		American	6
From 1 to 2 years	1	German	1
" 2 " 3 "		Irish	1
" 3 " 4 "		American-Indian	6
" 10 " 20 "	5		
" 20 " 30 "	7		
" 30 " 40 "	1		
Total	14	Total	14

SECRETARY'S FINANCIAL REPORT.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health.

SIR:—Accompanying will be found a complete Report of the Health Department expenditures for the year 1883.

In addition to a statement of the sums drawn against our regular Appropriation, I have the honor to present an account of monies expended under a Special or "Emergency" Appropriation, ordered by the City Council July 23, 1883: and also a *Resumé*, showing a transfer of all unexpended balances to the Day Scavenger Fund, which was authorized by, and embodied in the above Order of July 23, 1883.

All of which is respectfully submitted,

BROCK L. McVICKAR, Secretary.

MONTHS.	Vouchers. No.	Salaries of Officers and Medical and Sanitary Inspectors.	Salaries of Small Pox Hospital Employees.	Small Pox Hospital Supplies.	Printing and Stationery.	Day Scavenger Work.	Disinfectants—Drugs, Etc.	Vaccine Virus.	Miscellaneous Expenses.	Keeping Horses and Wagon Repairs.	Burials.	TOTALS.
January	1 to 26	2,831 25	285 00	359 23	162 27	5,484 00	33 30	110 00	18 10	39 00	------	9,322 15
February	27 " 49	2,831 25	285 00	580 59	22 40	4,718 00	24 40	52 50	89 02	47 55	------	8,650 71
March	50 " 69	6,020 83	502 50	124 50	45 65	11,292 37	40 00	26 25	13 35	71 05	12 00	18,148 50
April	70 " 95	3,849 98	385 00	200 15	53 65	9,235 36	19 35	33 75	15 83	49 90	11 00	13,853 97
May	96 " 124	3,624 15	305 00	186 50	128 08	8,005 62	20 55	30 00	70 98	32 85	------	12,403 73
June	125 " 153	3,566 65	305 00	425 26	78 80	7,736 99	28 05	22 50	19 38	136 92	------	12,319 55
July	154 " 177	3,566 65	315 00	240 13	517 05	7,751 13	10 40	------	37 95	50 25	------	12,488 56
August	178 " 207	3,491 65	269 90	702 30	32 75	8,145 50	38 67	8 25	34 45	58 50	12 00	12,793 97
September	208 " 237	3,649 98	280 00	445 24	99 50	2,712 50	2 75	26 99	17 90	27 45	------	7,262 31
October	238 " 271	3,724 98	280 00	233 39	65 67	12,430 50	43 20	9 75	39 25	89 20	------	16,915 94
November	272 " 304	3,724 98	280 00	618 11	74 25	10,407 97	50	41 75	57 15	57 15	------	15,261 86
December	305 " 341	3,699 98	280 00	422 16	182 85	11,181 50	24 15	1 50	45 62	43 25	------	15,881 01
		44,582 33	3,772 40	4,537 56	1,462 92	99,101 44	285 32	363 24	458 98	703 07	35 00	155,302 26

EMERGENCY APPROPRIATION ORDERED JULY 23, 1883.

Special Appropriation..		$10,000 00
EXTRA DAY SCAVENGER WORK.		
August	$ 2,713 00	
September.....	7,039 00	
POLISH TENAMENT INSPECTION. (J. D. KIERNAN.)		
July	$ 33 30	
August....	75 00	
September.....	75 00	
DISINFECTANTS.		
Lime.....	56 00	
		$ 9,991 30
		$ 8 70 Bal.

RESUMÉ.

1883.	SALARIES.	Medicine, Coal, Provisions, Beds and Bedding, Crockery and Repairs, Keeping Horses, Shoeing, Repairs to Wagon, Ambulance and Harness, Burials, Disinfectants, Vaccine Virus, Miscellaneous Expenses, Etc.	Day Scavenger Work and Removal of Dead Animals.
Appropriation	$ 55,820 00	$ 17,000 00	$ 83,000 00
Expended	48,354 73	7,846 09	
	$ 7,465 27	$ 9,153 91	
Add Unexpended Balance as per Order City Council July 23, 1883			$ 16,619 18
			$ 99,619 18
Amount Expended			99,101 44
Balance			$ 517 74

EMERGENCY.

Appropriation	$ 10,000 00
Expended	9,991 30
Balance	$ 8 70

JANUARY 1, 1885.

OSCAR C. DEWOLF, M. D.,

Commissioner of Health :

SIR:—I have the honor to submit herewith a statement of Health Department Expenditures, for sundry authorized purposes, during the year ending December 31, 1884.

A larger sum than was anticipated, and hence larger than was provided for, proved needful in conducting the Day Scavenger Service of the city; but, by a transfer of balances—as provided for in Appropriation Bill—from Item: "Official Salaries," and Item; "Printing and Stationery," the Scavenger Fund has been sufficiently augmented to show a small sum to the credit of this account.

Other smaller sub-divisions of the Appropriation have also been recruited from items showing a surplus, thus enabling us to keep our disbursements within the prescribed limits and indicating a total of $327.50, over all, to our credit.

Congratulating you on this favorable result, which has been accomplished in the face of severe difficulties, I remain,

Resp'y Your Obedient Servant,

B. L. McVICKAR, Secretary.

HEALTH DEPARTMENT FINANCIAL REPORT FOR THE YEAR 1884.

DISBURSEMENTS. BY MONTHS.	VOUCHERS Nos.	Salaries of Officers and Medical Inspectors.	Salaries of Small Pox Hospital Employes.	Small Pox Hospital Supplies.	Printing and Stationery.	Day Scavenger Work and Removing Dead Animals.	Disinfectants—Drugs, Etc.	Vaccine Virus.	Miscellaneous Expenses.	Keeping Horses and Wagon Repairs.	Burials.	TOTALS:
January	1 to 26	2,718 75	210 00	330 80	91 20	$ 8,900 00	17 75	15 00	71 80	25 50	.....	$ 12,380 80
February	27 " 48	2,735 00	210 00	209 64	67 98	7,632 00	10 05	9 00	7 20	30 00	.....	10,910 87
March	49 " 74	2,678 75	210 00	199 54	25 70	7,872 23	11 95	9 00	26 85	37 15	.....	11,071 17
April	75 " 102	7,166 15	490 00	164 72	49 50	18,899 02	20 35	15 75	37 15	48 25	6 00	26,896 89
May	103 " 131	4,009 13	230 00	150 76	79 35	13,573 23	16 28	32 25	22 03	53 50	.....	18,166 53
June	132 " 157	3,949 90	230 00	143 34	30 85	11,264 21	21 45	8 25	51 70	62 83	.....	15,762 53
July	158 " 185	3,899 90	230 00	121 20	102 90	12,543 90	99 32	75	25 90	59 25	.....	17,083 12
August	186 " 214	4,009 89	230 00	168 01	64 18	15,492 75	115 65	8 25	59 80	46 50	.....	20,195 03
September	215 " 243	4,013 23	230 00	202 33	35 95	14,272 00	143 05	30 75	32 99	91 78	7 00	19,059 08
October	244 " 271	4,013 23	230 00	255 96	16 43	13,960 21	103 55	8 25	28 34	32 15	.....	18,648 12
November	272 " 297	4,013 23	230 00	558 16	22 55	10,345 25	16 35	6 75	51 68	64 00	.....	15,207 97
December	298 " 331	4,038 18	230 00	128 63	438 65	13,435 93	4 45	5 25	152 68	117 10	.....	18,550 87
Total Expended		$ 47,245,34	$2,960 00	$2,633 09	$1,025 24	148,090 73	580 20	149 25	567 62	668 01	13 00	$203,932 48

BALANCES.

Appropriations, 1884	.....	$47,245 34	$3,150 00	$2,640 75	$1,025 24	148,129 42	600 00	149 25	600 00	700 00	20 00	$204,260 00
Amount Expended 1884	.....	47,245 34	2,960 00	2,633 09	1,025 24	148,090 73	580 20	149 25	567 62	668 01	13 00	203,932 48
Balances	.....	.....	190 00	7 66	.....	38 69	19 80	.....	32 38	31 99	7 00	$ 327 52

THIRTEENTH ANNUAL REPORT

OF THE

BOARD OF DIRECTORS

OF THE

CHICAGO PUBLIC LIBRARY,

JUNE, 1885.



CHICAGO:
PUBLIC LIBRARY ROOMS, 40 DEARBORN STREET.
1885.


PRESS OF
G. K. HAZLITT & CO.
CHICAGO.

BOARD OF DIRECTORS, 1884-1885.

HARRY RUBENS, *President*,	Term	Expires	1885
BERNARD CALLAGHAN,	"	"	1886
JOHN W. ENRIGHT,	"	"	1885
WILLIAM J. HYNES,	"	"	1887
LAWRENCE W. KADLEC,	"	"	1886
THOMAS C. MAC MILLAN,	"	"	1887
ADOLPH MOSES,	"	"	1885
HENRY W. ROGERS,	"	"	1886
ARTHUR SWAZEY,	"	"	1887
*WILLIAM H. WELLS,	"	"	1887

STANDING COMMITTEES, 1884-1885.

Library and Reading Room: Messrs. CALLAGHAN, MOSES and SWAZEY.

Administration: Messrs. KADLEC, MACMILLAN and ENRIGHT.

Buildings and Grounds: Messrs. MOSES, MACMILLAN and ROGERS.

Finance: Messrs. ROGERS, HYNES and SWAZEY.

By-Laws and Regulations: Messrs. HYNES, CALLAGHAN and ENRIGHT.

Delivery Stations: Messrs. ENRIGHT, MOSES and KADLEC.

Future Library Building: Messrs. HYNES, MACMILLAN, CALLAGHAN, MOSES and KADLEC.

*Deceased, January 21, 1885.

LIBRARY SERVICE.

Librarian: WILLIAM F. POOLE.

Assistant Librarians:

W. B. WICKERSHAM, Mrs. L. E. VOELLMY,
FRED. H. HILD.

Library Assistants:

W. E. DEIBLER,	LIZZIE A. BARROW,
C. WACHTMEISTER,	OTTILIE GOLDBERGER,
JOHN R. PATTERSON,	MAY WATERMAN,
W. A. PURER,	MAY BOSTETTER,
ELIZABETH A. YOUNG,	SOPHIE WARHANIK,
KATE M. HENNEBERRY,	JOHN F. WHELAN,
ELIZA KEON,	JOHN P. FITZPATRICK,
LILYAN MORAWSKI,	R. ARENTZ,
EMILY S. ROOKS,	CHARLES LHOTKA,
CARRIE L. ELLIOTT,	JAMES KELLY,
MAGGIE KEARNEY,	OTTO GOLDBERGER,
ANNA FITZGERALD,	FRANK WASKA.

Evening Attendants:

A. E. NICKERSON, *Supt.*	W. L. BURGESS,
CHAS. W. EVANS,	JOHN STEISKAL,
ED. L. DWORAK,	MAX C. STOCK,
E. J. OHRENSTEIN,	JOHN TAUCHEN,
JAMES F. CLARKSON.	

Janitor: N. S. PURVIANCE.

Night Watchman: W. A. SMITH.

THIRTEENTH ANNUAL REPORT OF THE DIRECTORS OF THE CHICAGO PUBLIC LIBRARY.

TO THE HONORABLE THE MAYOR AND CITY COUNCIL:

Gentlemen:—In compliance with the provisions of the law, requiring an annual report of the condition of the Public Library, the Board of Directors hereby submit their thirteenth report.

The reports of the Secretary and Librarian transmitted herewith contain a statement in detail of the condition of our trust, and complete statistics of the patronage of the Library and its various departments.

The total sum received from the Library Fund during the year ending May 31st, 1885, was $54,330.72, which has been expended as follows:

Salaries	$28,620 77
Books	6,899 14
Binding	3,618 02
Rent	4,000 00
Newspapers and Periodicals	1,941 93
Lighting	1,494 20
Insurance	1,410 00
Printing and Stationery	850 43
Delivery Stations	2,059 06
Heating	417 30
Furniture and Fixtures	274 50
Freight and Express	161 75

Postage	$223 10
Incidental Expenses	1,430 24
Finding Lists	930 28
	$54,330 72

The number of books on our shelves has been increased during the year by 5,280 volumes, making the total number of books in the Library, 111,621.

The Library still occupies the same cramped, inaccessible, and unsafe quarters which we have so long desired to abandon, and which have had to be rented again and again for want of a proper permanent structure. For years the Board has expressed the fervid hope that Congress would dedicate the almost only suitable grounds for the erection of a permanent Library edifice—Dearborn Park; but despite all the efforts made by our Senators and Representatives, despite the favorable action of Committees of Congress, despite the interest taken by prominent men and the press, despite even the eloquence of our Librarian whenever the subject of Dearborn Park is discussed by him either in his reports or in the committee room of the Capitol at Washington, we are still almost as far distant from a realization of these hopes as we were years ago.

But while we cannot point to progress in the direction of a large and centrally located Library building, we are still enabled to point to an important improvement in the library facilities offered to the people of Chicago. During the past year four delivery stations have been established in different parts of the city, in addition to the two stations established last year. More than 65,000 books were issued from these stations, and as the issues from the central Library have increased at the usual ratio, it is plain that 65,000 useful books have been read which would have slumbered upon the shelves had it not been for the establishment of these stations. Who can calculate the immense benefit derived

from the study of these 65,000 volumes? How many noble ambitions have been kindled, how much practical knowledge imparted, how much dissipation prevented, can never be accurately ascertained. But one fact is beyond doubt; these volumes have done immeasurably more good in the hands of the people than they would have done on the shelves of the Library. The main object of a free public Library is to supply valuable literature to the poor; to the busy laborer and mechanic and their families; to the hard worked men and women who toil from sunrise to evening, and who have no time to draw books from the central Library. The rich can afford to buy all the books they may desire; but if our book treasures are to be a blessing for the poor, they must be made accessible to them. This great object, the establishment of delivery stations, and finally of branch libraries, is alone able to accomplish fully, and their increase is therefore of imperative necessity if the Library, supported by the taxes of the whole people, is to benefit all alike, not only the favored few, but the great masses of our population.

During the last year the Board of Directors labored earnestly to perfect the discipline of the Library service. These efforts were largely stimulated by the discovery of the loss of a great many books caused by the madness of a bibliomaniac; and of small defalcations committed by one of the employés. The government of the Public Library is by law entrusted to the Board of Directors and not to the employés; and it is not enough that the Board should meet at stated intervals simply to ratify the acts of these employés, apparently always regular. The Library assistants have been held to a stricter accountability, their work has been more carefully scrutinized, and in that way several important reforms of the working machinery of the Library have been instituted.

The Public Library is steadily gaining in importance

through its increase in books as well as through the increase in the use of these books. Its value as an educational factor is beyond question. It should, therefore, receive the most cordial support and assistance on the part of your honorable body.

Respectfully,

HARRY RUBENS, *President*,
BERNARD CALLAGHAN,
LAWRENCE W. KADLEC,
WILLIAM J. HYNES,
THOMAS C. MAC MILLAN,
ADOLPH MOSES,
JOHN W. ENRIGHT,
HENRY W. ROGERS,
ARTHUR SWAZEY,
Directors.

ANNUAL REPORT OF THE SECRETARY.

PUBLIC LIBRARY,
CHICAGO, JUNE 8, 1885.

TO THE BOARD OF DIRECTORS OF THE CHICAGO PUBLIC LIBRARY:

Gentlemen—As required by the seventh section of the Act of the General Assembly, under which the Library is established, I herewith submit the following financial and statistical statements for the year ended May 31, 1885:

ACCOUNT WITH THE CONTROLLER.

RECEIPTS.

From City Controller on Vouchers issued by the Library Board..... $54,330 72

EXPENDITURES.

For Salaries	$28,620 77
Books	6,899 14
Binding	3,618 02
Rent	4,000 00
Newspapers and Periodicals	1,941 93
Lighting—seventeen months	1,494 20
Insurance	1,410 00
Printing and Stationery	850 43
Delivery Stations	2,059 06
Heating	417 30
Furniture and Fixtures	274 50
Freight and Expressage	161 75
Postage	223 10
Incidental Expenses	1,430 24
Finding Lists	930 28
	$54,330 72 $54,330 72

CASH ACCOUNT.

RECEIPTS.

Balance on hand June 1, 1884.....	$ 916 91	
From Fines	3,088 00	
Finding Lists.....	684 25	
Security Deposits.....	817 75	
Books Lost.....	208 95	
Old Paper.....	20 65	
Duplicates.....	116 66	
City Controller.....	1,123 14	
Miscellaneous	50 00	
Freight Refunded.....	4 65	

EXPENDITURES.

Paid to City Controller amount received for Fines, Finding Lists, Old Paper, Duplicates and Misce.....	3,959 56
For Security Deposits Refunded....	826 75
Books Lost and Replaced.....	231 98
Newspapers and Periodicals....	31 66
Printing and Stationery.....	39 95
Freight and Expressage.....	161 75
Postage.....	223 10
Heating.....	19 80
Incidental Expenses.....	713 48
Binding.....	2 82
Balance on hand June 1, 1885....	820 11
	$7,030 96 $7,030 96

Number of Books in the Library June 1, 1885....	111,621
" " purchased, year ended May 31, '85	5,695
" " donated, " " " "	1,144
" " unaccounted for " " "	362

STATE OF ILLINOIS, } ss.
County of Cook. }

I, W. B. WICKERSHAM, Secretary of the Board of Directors of the Chicago Public Library, do sol-

emnly affirm that the foregoing statements are true to the best of my knowledge and belief.

W. B. WICKERSHAM,
Secretary.

Affirmed to and subscribed before me, this 11th day of June, A. D., 1885.

W. E. DEIBLER,
[SEAL.] *Notary Public.*

THE LIBRARY FUND.

To the credit of this Fund June 1, 1885.		
Fund of 1877.....	$ 2,799 75	
Fund of 1878.....	7,896 94	
Fund of 1879.....	12,837 75	
		$ 23,534 44
Fund of 1884.....		49,585 02
Fund of 1885:		
Appropriation March 27, 1885	$ 68,663 00	
Misc. receipts, Jan. 1, to May 31, '85.....	1,940 63	
	$ 70,603 63	
Expended Jan. 1 to May 31, '85.	22,342 85	
		48,260 78
Total to the credit of the Library Fund June 1, 1885.....		$ 121,380 24

Respectfully submitted,

W. B. WICKERSHAM,

Secretary.

ANNUAL REPORT OF THE LIBRARIAN.

CHICAGO, June 13, 1885.

TO THE DIRECTORS OF THE PUBLIC LIBRARY:

Gentlemen:—I have the honor to submit herewith my twelfth annual report on the condition and statistics of the Public Library for the official year ended May 31, 1885.

Another annual report finds us with the problem of escaping from these contracted, inaccessible and unsafe quarters still unsolved. A year ago the Judiciary Committee of the House of Representatives at Washington reported a bill assigning Dearborn Park for the permanent home of this library, and the erection thereon of a suitable fire-proof building; but the bill was not reached when the last Congress adjourned.

Under these cramped and disadvantageous conditions, the Library and its work have made substantial progress during the past year. There have been added to the Library by purchase and gift 6,836 volumes, and the number would have been larger if we had the space to set up more book cases. The number of books taken out for home use increased from the daily average of 1,404 to 1,704. Six delivery stations have been established in different parts of the city, from which 65,271 volumes have been issued. The issues of the main Library, instead of falling off in consequence of the work of the Delivery Stations, was 25,107 more than any previous year. The number of book-borrowers has increased 2,123, the present number being 25,906. The number of visitors to the reading-room has increased 19,043. In the reference department there has been a small falling off from the extraordinary increase

which was reported a year ago. The result was owing in part to the more stringent rules which have been adopted for the use of reference books, and also to the crowded condition of the reference tables, and the limited space which can be devoted to them. Compared, however, with the statistics of 1883, there was an increase in the number of visitors to the reference department of 35 per cent.; in the number of books used of 8.4 per cent.; and in the visitors to the patent publications of 33 per cent. The medical reference books and the patent publications have been assigned to a separate room, under charge of an attendant; and the convenience of the persons consulting these volumes has been greatly increased.

The statistics which follow are given in the form of my previous reports. A compendious statement of the statistics of the Library for the past ten years will be found in Appendix "A."

BOOKS.

The present number of books in the Library is 111,621. The number reported last year was 106,341. The number entered in the accession catalogue was 6,836, of which 5,692 were bought, and 1,144 given. A thousand volumes of German books, ordered several months ago, have not arrived in season to be included in this report. They will be received during the present month. The number of volumes worn out and condemned was 698, of which 408 were in English prose fiction, 209 juvenile books, 45 in German literature and 36 in eleven other classes. Of pamphlets, 50 have been bought, and 3,151 given; a total accession of 3,201 pamphlets. The amount expended for books was $6,899.14.

The following table gives the number of volumes in the Library, arranged in thirty classes, and the number added to each class during the year:

	Total Accessions of the year.	Total No. of volumes in Library.
History	390	7,104
Biography	279	4,554
Travels	309	4,372
Poetry and Drama	175	2,549
Essays and Miscellanies	105	2,078
Polygraphy and Collected Works	31	2,095
Fine Arts	154	1,290
Natural Sciences	142	3,089
Practical Arts (including Patents)	354	6,619
Political and Social Science	181	2,352
Language and Literature	91	1,557
Mental and Moral Science	134	1,429
Ancient Classics	21	576
Religion	205	3,357
Medicine	368	1,921
Law	27	524
Periodicals and Newspapers	769	11,205
Gov't Doc's and State Papers	468	6,481
Bibliography	61	845
Dictionaries and Encyclopedias	86	1,502
English Prose Fiction	1,776	17,153
Juvenile Literature	407	4,047
German Literature	216	12,545
French Literature	58	4,059
Italian Literature	8	178
Spanish Literature	9	45
Dutch Literature	....	1,073
Bohemian Literature	5	2,542
Polish Literature	....	1,006
Scandinavian Literature	7	3,474
Total	6,836	111,621

BOOK BORROWERS.

The present number of book-borrowers is 25,906, an increase over the number reported last year of 8.9 per cent. These persons hold cards, each secured by the certificate

of a guarantor, which entitle them for a period of two years to draw books from the Library for home use. Each card is taken up and canceled at the expiration of two years from the date of its issue, but may be renewed by a new registration on a new certificate of guaranty. The number of cards issued during the year was 13,297, of which 8,515 were to males, and 4,782 to females. The number of cards issued during the previous year was 12,609, showing an increase of 5.5 per cent.

CIRCULATION OF BOOKS.

The circulating department has been open for the delivery of books 305 days during the year, and 519,691 volumes have been taken out for home use. The number reported in 1884 was 429,313, and in 1883, 376,475. The daily average circulation during the past year was 1,704, against 1,404 during the preceding year, showing an increase of 21 per cent. The largest number taken out on any one day (February 21) was 3,720, and the smallest number taken out on any one day (October 21) was 1,007. The average evening circulation was 204 against 197 reported in 1884, and 188 in 1883. The amount received for fines was three thousand and eighty-eight dollars.

The following table shows the circulation and daily averages month by month for the past two years:

1884–85.				1883–4.			
MONTH.	Days.	Circulation.	Daily Avr'ge.	MONTH.	Days.	Circulation.	Daily Avr'ge.
June	25	33,007	1,320	June	26	31,222	1,201
July	26	35,896	1,381	July	25	31,866	1,275
August	26	38,274	1,472	August	27	32,001	1,322
September	26	35,599	1,369	September	25	30,266	1,210
October	27	39,427	1,460	October	27	32,201	1,192
November	23	40,639	1,767	November	25	33,668	1,346
December	26	45,491	1,750	December	24	35,622	1,484
January	26	52,065	2,003	January	26	40,714	1,566
February	23	51,092	2,221	February	24	42,059	1,750
March	26	55,100	2,119	March	26	44,902	1,727
April	26	49,436	1,901	April	26	38,834	1,494
May	25	43,665	1,679	May	26	35,958	1,383
Total	305	519,691	1,704	Total	307	429,313	1,404

DELIVERY STATIONS.

For the accommodation of book-borrowers, and as a substitute for branch libraries, the experiment has been tried and found successful of establishing, in different parts of the city, stations for the delivery and exchange of books. Three of these stations have been put in operation in the West Division, two in the South Division, and one in the North Division. The following table shows the location, the person or persons in charge, when opened, and the number of books issued at each of the six stations now in operation:

Station.	Location.	In charge of—	Opened.	Is'ues.
I	154 22d street	P. V. Fitzpatrick	June 9	17,575
II	479 S. Halsted street.	A. D. Langan	June 9	16,555
III	235 Milwaukee Ave.	Berlizheimer & Stensland	July 2	6,201
IV	639 W. Lake street	Chas. Culmsee	Sept. 1	11,022
V	264 Sedgwick street.	John M. Ruedel	Sept. 22	10,748
VI	1368 Oakwood B'd	F. J. Kerr & Co	Nov. 29	3,170
Total issues				65,271

May 23d, the location of Station No. II was changed to 482 S. Halsted street, care of Frank Kotzum; and Station No. VI to 233 Thirty-first street, care of G. W. Duffus.

The issues of books at each of these stations, month by month, and the totals appear in the following table:

STATION.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	Totals.
I	576	781	907	1220	1341	1528	1908	1956	1812	1959	1906	1681	17,575
II	522	723	782	996	1269	1466	1778	1843	1796	1923	1832	1625	16,555
III	14	265	458	407	563	580	685	737	493	653	638	708	6,201
IV				302	698	1077	1382	1441	1414	1639	1646	1423	11,022
V				31	516	850	1099	1530	1413	1816	1826	1667	10,748
VI						6	173	441	546	661	672	671	3,170
Totals	1112	1769	2147	2956	4387	5507	7025	7948	7474	8651	8520	7775	65,271

The Library pays for the transportation of the books, and

a small compensation to the person in charge of the station, who attends to the work in connection with his other business. The increase of the issues of each station from month to month, and in the totals, is noticeable, and shows that the scheme meets a popular demand for reading which is not likely otherwise to be supplied. The issues of books at the main Library seems not to have been effected by the issues of the delivery stations, as they have kept on steadily increasing over those of any previous year. Every class in the community makes use of the delivery stations—laboring men and women who cannot leave their work, as well as students and persons of leisure who would save a trip to the Library and the ascent of several flights of stairs. The delivery stations have been found so convenient and have become so popular, that, in view of the expense incurred in their administration, the numerous petitions of citizens to have them established in other localities are embarrassing. The question may arise whether the Board of Directors is justified in making a considerable expenditure for transporting books about the city for the convenience of readers; and whether its functions are not exhausted when it provides the books and the means for their distribution at a central locality. This question will never arise if the cost of the delivery stations is shared by those who receive their benefits. It has been found that the duties attending the charge of a station are more than compensated by the general business which the station brings to the place; and hence, in the later assignment of stations, the person in charge has asked for no pecuniary compensation. The only expense borne by the Library, in connection with these stations, is the transportion of the books. If this expense could be shared by the book-borrowers, there would be no obstacle to establishing other stations in localities where they are needed. Tickets issued at a low cost, but sufficient to pay the whole or a portion of the cost of transportation would enable those who received the special benefits of stations to share the burden of conducting them. The

expense incurred in the matter of the delivery stations during the year has been $2,582.52.

Of the books issued through the delivery stations, a record has been kept showing the comparative use of books in different modern languages, and with these results: 87.6 per cent. of the books issued were in English; 6.7 per cent. were in German; 2.7 per cent. were in Danish, Swedish, or Norwegian; 2.1 per cent. were in Bohemian; eight-tenths of one per cent. were in French; and one-tenth of one per cent. were in other continental languages, including the Polish, Italian, Spanish and Portuguese. No station is located in the parts of the city where the people of the nationalities last named chiefly reside. A large proportion of the books issued to persons whose vernacular is a foreign tongue is in the English language; and the young people of these nationalities draw almost exclusively English books—their ambition being to become Americanized as rapidly as possible.

A private enterprise has recently been organized for the accommodation of persons who have not ready access to the Public Library or the delivery stations. It is called the "Book-Borrowers' Delivery Company," and has its office at room 6, No. 168 Randolph street. The company proposes to accommodate residents in all parts of the city, who are its subscribers, by making weekly visits to each for the delivery and exchange of library books. Special calls will also be made when requested. The charge it makes to its subscribers is five cents per week or two dollars per year. While it proposes to accommodate all classes, it claims to be mainly for the convenience of the working classes. The company has very recently gone into operation, and is furnished with the equipments for doing what it proposes. The Library has no responsibility in the management of the company.

CLASSIFICATION OF THE CIRCULATION.

The following table shows the percentage of circulation in seven classes of books for the past year and for five previous years:

	1885.	1884.	1883.	1882.	1881.	1880.
History and Biography	8.69	8.81	8.72	8.56	8.45	8.85
Voyages and Travels	4.49	4.23	4.17	3.98	3.51	4.13
Science and Art	6.79	7.12	6.92	6.75	6.40	6.27
Poetry and Drama	3.91	3.89	3.85	3.73	3.51	2.95
English Prose Fiction and Juveniles	60.12	59.73	60.36	61.77	62.88	64.40
Works in Continental Languages	11.99	11.97	11.81	11.68	12.10	10.11
Miscellaneous	4.01	4.25	4.17	3.53	3.15	3.29

REFERENCE DEPARTMENT.

The number of visitors in the reference department was 52,054; the number of volumes used, 131,778; and the number of visitors to the patent publications, 12,521.

The following table shows the statistics, month by month, with those of the preceding year:

MONTH.	1884-'85.			MONTH.	1883-'84.		
	Visitors.	Volumes.	Patents.		Visitors.	Volumes.	Patents.
June	4,496	13,962	1,406	June	4,092	12,988	1,216
July	4,846	12,616	1,370	July	4,368	11,929	1,160
August	4,683	12,514	1,287	August	3,926	12,254	1,332
September	4,230	9,750	1,028	September	3,670	11,729	1,285
October	4,468	10,496	1,186	October	4,560	12,948	1,280
November	4,159	9,868	954	November	4,286	14,170	1,300
December	4,798	11,723	1,232	December	5,652	16,737	1,742
January	6,041	13,461	1,305	January	5,955	17,585	1,750
February	5,269	12,476	1,102	February	5,976	18,032	1,758
March	5,142	12,922	629	March	6,213	18,160	1,405
April	3,922	11,990	1,022	April	6,144	14,866	1,600
May	5,636	13,874	877	May	4,854	13,962	1,427
Total	57,690	145,652	13,398	Total	59,696	175,360	17,252

These statistics show a falling off from those of the preceding year of 3.3 per cent. in the number of visitors; 17 per cent. in the number of books used; and 23 per cent. in the visitors to the patent publications; and they show that the extraordinary increase reported last year of 39 per cent. in the visitors; 30 per cent. in the books used; and 70 per cent. in the visitors to the patents, has not been maintained. The reference tables, nevertheless, have apparently never

been so crowded as during the past year. In view of this fact, I am lead to question the accuracy of the enormous increase which was reported last year, although the statistics of the two years were kept by the same person and with the intention of being correct. The method, however, of keeping them has been changed. During the past year all orders for reference books have been made by writing on slips, and these slips have been accurately counted. The previous year's orders were made verbally, the count was kept by tally, and in case of visitors to the patents, largely by estimate. It is probable that visitors, as they are required to make their orders in writing, have not ordered books as freely as when they did it verbally. In my opinion there has been no falling off in the use of the reference department, when the work of the library in every other department has increased. We have, however, come to a limit beyond which the usefulness of the reference department cannot be further developed until we have more space for the reference tables. The impossibility of securing such additional space in these quarters is perhaps the most serious embarrassment which now attends the Library.

The removal of the United States patents to a separate apartment on the reading-room floor, where the complete sets of American, British, French, German and Canadian patents are brought together and can be quietly consulted is a great convenience to the many inventors and patent solicitors who consult them. It would accommodate a considerable number of mechanics and inventors if the patent room were open evenings, as they claim that they cannot leave their work to come to the Library during the day.

The medical reference books, which now number 1,418 volumes, are also used in this room. The best of them have recently been given by the Chicago Medical Society and leading physicians of the city, who propose by further contributions to make it a valuable reference collection. A list of the reference books has been printed in the new

supplement to the Finding List; and the Medical Society will print the list in a separate form for the use of its members.

READING ROOM.

The reading room has been open every day in the year, Sundays included. The number of visitors was 623,245; of periodicals given out 282,613; and of books issued for reading in the room, 58,091. The daily average of visitors was 1,708, and on Sundays 1,630. When every other public and office building in the city has elevators, it is a strange fact that so many persons have the courage and physical ability to climb three flights of the most toilsome and ill-constructed stairs ever devised to the fourth story, in order to get access to periodicals and newspapers. It is a fact which, if it were anything more than a temporary necessity, would be discreditable to the City of Chicago. It is a fact, also, which suggests an interesting inquiry which cannot be answered until the experiment is tried: "What *would* be the use of the reading room if it were in a location which was accessible?"

The following table shows the statistics of the reading room, month by month, for the past two years:

MONTH.	1884–'85.				MONTH.	1883–'84.			
	Visitors.	Periodicals.	Books.	Sunday Visitors.		Visitors.	Periodicals.	Books.	Sunday Visitors.
June	42,336	19,432	3,472	1,277	June	43,364	19,639	4,086	1,603
July	43,779	20,430	3,417	1,282	July	42,302	19,375	3,752	1,509
August	48,355	22,135	3,890	1,391	August	43,359	19,904	3,560	1,463
September	45,201	20,688	3,625	1,600	September	39,001	19,176	2,649	1,563
October	48,612	22,269	4,064	1,505	October	44,339	20,406	3,527	1,754
November	51,901	23,836	4,237	1,839	November	50,087	24,928	4,231	1,669
December	55,397	25,054	5,289	1,851	December	58,196	29,672	4,862	1,793
January	58,524	25,689	7,126	1,489	January	63,654	31,555	5,894	1,688
February	55,548	24,479	6,580	1,914	February	61,185	29,374	6,439	2,110
March	66,228	29,586	7,058	2,098	March	61,008	27,559	5,890	1,968
April	56,608	25,757	5,090	1,751	April	52,136	23,664	3,890	1,696
May	50,756	23,268	4,243	1,560	May	44,671	20,170	3,331	1,645
Total	623,245	282,613	58,091	1,630	Total	603,302	285,422	52,111	1,705

These figures show an increase in the number of visitors of 3.3 per cent., and in the number of books issued of 10.4 per cent. They show also a falling off in the periodicals

issued of one per cent., and in the average number of Sunday visitors of 4.4 per cent. The quality of the readers, the orderly aspect of the room, and the condition of the atmosphere have been greatly improved; and for these favors we are mainly indebted to the Superintendent of Police, who has, at the request of the Board, detailed a faithful officer for constant attendance in the room. This officer, Mr. J. C. Morris, by his watchfulness and good judgment has cleared the room of tramps, vagrants, persons of filthy habits, those who come to sleep, and others who had made this public reading room a resort, over whom the police desire to keep a constant oversight. We can well spare from our statistics the count of these persons as visitors if we can be relieved of their presence. Several persons claiming to be respectable and giving references, have complained to me of the action of the officer; and others have made their anonymous complaints in the newspapers. All these complaints I have investigated, and have found in each case that the officer did his duty, and that the public were blessed in the absence of these complainants from the reading room. If this beneficent oversight of our visitors by the police department is continued, the question of sufficient ventilation of the reading room will have been practically solved.

The number of serials on file is 476, of which 328 are classed as periodicals and 148 as newspapers. Of the periodicals 246 are bought and 82 given; 152 are American, 93 English, 55 German, 11 French, 7 Scandinavian, 7 Bohemian, and 3 of other nationalities. Of the newspapers 54 are dailies and 94 weeklies, and 15 dailies and 67 weeklies are given by their publishers, a list of which is given in Appendix C. The amount expended for periodicals and newspapers is $1,941.93.

ADMINISTRATION.

Twenty-eight persons are employed in the day service, and nine in the evening service. Six persons are on the

list of substitutes whose services are called for when needed. These with the janitor and night watchman, make the whole number of employes, forty-five.

FINDING LIST.

The Finding List, of 503 pages, which was issued in April, 1884, contains the titles, classified by subjects, of 102,000 volumes. A supplement of 61 pages, containing the titles of books since received, has just been issued, and is sold for ten cents. The main Finding List is issued in three forms, namely: (1) Part I, 371 pages, containing the titles of all books in the English language, the classical languages, and such books in the modern continental languages as treat specific subjects, which are classified with English books on the same subject; (2) Part II, 132 pages, containing books in the modern continental languages arranged alphabetically by authors under each of the languages; and (3) Parts I and II in one volume. Part I is sold for thirty-five cents, Part II for fifteen cents, and both parts in one volume for fifty cents. Of Part I, 1,625 copies have been sold; of Part II, 371 copies, and of both parts in one, 101 copies. The amount received for copies of Finding List sold was $684.25.

In connection with our card catalogue, which is arranged by authors and subjects, and is always kept complete, the Finding List seems to fully meet the demands of the public for a printed inventory of the books, and it practically answers one of the most controverted and difficult questions which has arisen in the administration of rapidly-growing libraries with large constituencies of book-borrowers: "How can readers best be served with late and frequently-revised lists of books contained in the library?"

BINDING.

The number of books sent to the binders was 8,610, and the work done by the contractors, P. Ringer & Co. and Theo. Asmus, has been entirely satisfactory. The number of books repaired by the Library attendants was 4,089, and

the number put into Emerson binders was 109. The amount paid for binding was $3,618.02.

BOOK STEALING.

The Library during the year has passed through a strange experience in the loss and recovery of more than two thousand volumes which had been stolen by an employé serving in the humble position of evening and Sunday attendant in the reading-room. His thefts were continued after his discharge from the service for other causes. Being an experienced operator, the extent and method of his thieving, and the circumstances under which he came into the service of the Library are so unusual and startling they deserve a brief statement in this report, as much for correcting erroneous impressions of the case which have gone abroad, as for putting custodians of other libraries on their guard.

The earlier police record of this person had wholly passed out of memory in this busy and cosmopolitan city, until he was identified in prison by booksellers whom he had robbed years before. Five years ago, under his true name, Otto Funk—his father being a poor and honest shoemaker in this city—he was arrested, arraigned and bound over to the criminal court on several charges of stealing books from retailers and second-hand dealers of the city. The stolen books were found, the thefts acknowledged, and, after he had been shown up to the police, the prosecutions were dropped, on the ground that a young man who did so much book-stealing and so neatly must be a "crank," or kleptomaniac. He thereupon, for a time, dropped out of sight, and changing his name to J. A. Talbut, entered college, and graduated with a high rank of scholarship from the Chicago University in 1882, no one suspecting that he was the Otto Funk whose name had appeared in the police records. While in college he boarded himself on a low diet, lighted the street lamps, delivered newspapers, and did other manual labor. The only extravagance in which he

appeared to indulge was books, of which he had a choice collection of nearly a thousand volumes. Of books he was an excellent and critical judge; and philosophy, psychology and ethics were the topics which he made his especial study, as appears by the books he stole from this Library.

In March, 1882, under the name of J. A. Talbut, he applied for the position on the evening and Sunday service, stating that he was about to graduate from the University, and intended to enter the signal service of the United States. Being wholly dependent on his own exertions, he needed the small compensation attached to the position for his support. He brought letters from the President and one of the professors of the University, the Mayor of the city, and a well-known physician, all commending his character and scholarship, his energy in supporting himself, and appealing to the generous sympathies of the Board to give him employment. There being no vacancy in the service at that time, he accepted an offer to teach at Milwaukee, and returning to the city in the autumn of 1883, came into the evening and Sunday service of the Library, and entered as a medical student the Chicago Medical College.

From this point perhaps I cannot state in a briefer form the main incidents of the narrative than by condensing a report on the subject which I made to the Board of Directors in February last:

"Funk began his services as evening and Sunday attendant in the reading-room, Sept. 4, 1883. He confessed to me that he began to take books as soon as he came into the Library's service. That he was industrious in his abstractions during the early months of his service is evident by his getting away with 414 volumes before our annual stock-taking in March and April, 1884.

It will be remembered that 775 volumes, an unusual number, were reported unaccounted for at the last annual examination; and that in my annual report I called the attention of the Board to the subject, and to the need of additional safeguards for the protection of the Library. That some books should be unaccounted for at the annual stock-taking, where a mistake in labeling or charging a book would temporarily prevent its identification, was to be expected; but the non-appearance of so many books was then a matter of deep anxiety to me. I was convinced that books were being unlawfully taken away by, or in collusion with, some person or persons employed in the Library; and hence the character and conduct of every attendant in the Library has since been carefully watched. My suspicions of individuals (which I am now happy to state were unfounded) have from

time to time been awakened, and I have mentioned them confidentially to members of the Board. Unfortunately the thief was on service during hours when I was not present; and as his work did not bring him in contact with the books, he was not watched as closely as he would otherwise have been. I never saw or heard of any act or conduct of his which directed my suspicion as to his honesty until three days before he was arrested, and the books were found in his possession. He had been discharged from the service of the Library three months before for incivility to visitors; but the attendants had allowed him privileges in the Library which they would not have given to a stranger. A raid of the previous Sunday on the medical books first awakened my suspicion of him, on the ground that he was a medical student; and the later and tardy report of the reading-room attendant that Funk on that Sunday was in the room where the medical books are kept, and was seen carrying a bundle away, changed a suspicion to an assurance that he was the thief.

To the public, the recovery of the books was the first intimation of their loss; but, to the Directors and officers of the Library, it had been known for months that books were being stolen to an alarming extent. They had held many private meetings and conferences on the subject, and had given their best endeavors to the detection of the criminal, believing that some person in the employ of the Library was concerned, as principal or as accessory to the theft. We did not go to the newspapers with the information, for publicity would have defeated the end in view, and the stolen property would have been put out of reach. As the character, habits and conduct of the employés were to be watched, the service of an outside professional detective could not be used until we had some clew upon which he could work. When we had the evidence which pointed directly to the guilty party, the city detectives were called in, and they rendered prompt and efficient service in arresting the thief and recovering the stolen property. Including the books missing last year and those known to be since taken, we had hoped to recover about 1,000 volumes; and, to the surprise of ourselves, as well as the public, we recovered 2,118. That more than 1,000 volumes had been taken which we had not known were stolen, and might not have known, until we came to our annual examination, requires and admits of an explanation.

Besides the 24,000 volumes in the reference department, there are 86,000 volumes in the circulating department, of which more than 20,000 volumes are constantly out in the hands of borrowers. The daily circulation for the past month has been more than 2,000 volumes. A bank can balance its cash every day; we can not balance our books oftener than once a year, and do the regular work of the Library.

Our annual stock-taking requires the services of two persons for three months, and then the losses for the year appear. Not to find the book on the shelf in its place, between the periods of our annual stock-taking, is no ground for suspicion that it has been stolen, for it is supposed to be in circulation. The attendants who, in delivering books, are in constant contact with the shelves, are the humblest grade of employés. Books are called for by shelf marks and not by titles, and hence the attendants, constantly hurried, get but very little knowledge of the books themselves. They go to the shelves with a list of numbers, and if the first is not in, they look for the second, intent on serving the applicant as quickly as possible. If a book was stolen from the shelves they would not be likely to detect it. The officers of the Library would not know that any particular book was missing, unless it was reported, or their attention was directed to it by a reader or some incident. Many books are at the binders, many are on worn-out lists, and 20,000 are in the hands of borrowers. With ten or more attendants delivering books, no one person can be cognizant of the details which will enable him or her to judge whether a book not on the shelf is out

rightfully or wrongfully. No system of keeping an account with the shelves, the book-borrowers, the bindery and worn-out list has yet been devised which will show automatically and instantaneously when a book has been wrongfully abstracted. The annual stock-taking will do it. Character and honesty on the part of the employés is the best preventative of book-stealing that is now known.

Our great abstractor was an experienced and skillful worker. He did not, until shortly before he was arrested, take whole sets of books at one time. This would naturally have excited suspicion; but during his whole term of service, and since he was discharged, he selected volumes from different parts of the Library, and was constantly carrying them away, concealed in ample pockets hung on the inside of his clothing, when he left at ten o'clock at night, and no officer of the Library was present to watch him. He has told me since his arrest that he never left the Library without taking books. If he had been on the day service and under the eye of the officers, he would, doubtless, have stolen books; but he would have had no such opportunity for stealing as the evening and Sunday service in the reading-room gave him.

The story, as it has been imperfectly reported in the newspapers, has given a shock to every custodian of large collections of books in the land. Judge Chamberlain, the Librarian of the Boston Public Library, writes to me as follows: 'I have to trust the key of the Boston collection to janitors and employés, who could pocket volumes worth each a hundred dollars, the loss of which might not be discovered for a year.'

Book-stealing by outsiders, which is the common experience of libraries, is not difficult to guard against; but our late experience shows what can be done by an expert in that line who is taken into the employ of the Library and is put into that part of the service which gives him the best opportunity for carrying on his stealing without discovery. Our experience is unique; for nothing like it has before occurred in the history of American libraries. I have looked for something analogous to it in foreign libraries, but without success. There have been enormous and scandalous robberies of public libraries in France; but they have been done by the public authorities, or with the connivance of their custodians. In 1843, the librarian of Tours was convicted of stealing books by wholesale and sending them to London for sale. In 1847, 60,000 volumes were missing from the Bibliothèque Nationale in Paris; and many of these volumes were found in the book-stalls of London with their stamps not erased. Some had already found a home in the British Museum. There is no record, however, of an employé in an inferior station getting away with 2,000 volumes before he was detected—and there was, probably, never before *such* an employé in library service. The facts in this case almost surpass the limit of belief—that a person who, five years ago, was detected and publicly prosecuted for stealing books to a large amount from five or more of the book stores and second-hand dealers in Chicago—who was shown up to the police and book-trade as a professional book-thief, should change his name, graduate with honor from the Chicago University, enter the Chicago Medical College, and nobody should recall his past record. It is among the strangest and most fortuitous of incidents that this person should apply for service in this Library, recommended in the strongest terms by the Mayor of the City, the President and one of the Professors of the Chicago University, and a well known physician, all of whom were ignorant of his past life; that he should obtain the position, and during his term of service should not be recognized by any one under his real name, and should awaken no suspicion as to his personal character. If a novelist should make use of such incidents they would be regarded as absurdly extravagant or impossible."

When Funk was arrested, about a hundred volumes stolen

from the Library were found in his room, from which the labels had been carefully removed and the stamps erased. He stated that these were all the books he had taken; that he had not stolen them, but had borrowed them to read; and that he had removed the labels and stamps in order that his room-mate and visitors might not suspect him of theft. The next day a policeman in the suburbs, hearing of the arrest and knowing that a large quantity of books were stored in a barn occupied by Funk's brother-in-law, telephoned the information to the Chief of Police, and soon after two thousand volumes more were brought into the central station. In emptying the bags and boxes (which the policemen had not handled with the greatest care), an infernal machine was found ready for action, with a quantity of dynamite sufficient to blow up the police headquarters and the new City Hall. The prisoner was sent for to explain the purpose of this machine. He said that he had experimented some months before in making a dynamite machine, and had packed it away among the books without any definite purpose. Funk has been indicted by the grand jury and tried in the criminal court. The verdict rendered was that he "is guilty as charged in the indictment; that he was insane when he committed the larcenies, and is now insane; and that he be committed to the State Insane Asylum at Elgin."

BOOK-THEFTS IN THE READING ROOM.

Fifty-five books, applied for to be read in the room, have been stolen from the reading room by persons who signed fictitious names and residences, and carried away the books. Twenty-one of these books have since appeared, leaving thirty-four not recovered, namely: 13 in German literature; 12 in fiction and juveniles; 3 in poetry and drama; 2 in science; and one each in Scandinavian literature and travels. One person was detected and arrested after he had stolen five books in this manner. He confessed all he was charged with, and in the police court was bound over

to the criminal court. The grand jury found a true bill, and on trial in the criminal court, the defendant was acquitted for want of proof as to his intention. He testified on the stand that he intended to return the books. The state attorney did not prove that he intended to steal them. A bill has since been reported in the General Assembly to protect public libraries against this sort of petty thieving. Unless libraries can be protected by the law in issuing books for reading on the premises to all persons who apply, it will be necessary to require a deposit or a responsible guaranty in each case, which will deprive nine-tenths of the persons who use a public reading room of this privilege. Our chapter of casualties for the year is completed by the statement that one of the employés, who had been in the service of the Library for several years, and recently acted as assistant to the Secretary in charge of the petty cash account, abused the confidence placed in him by making a small defalcation, which, when it was discovered and the defaulter discharged, was refunded to the Library by a relative.

ANNUAL EXAMINATION.

Owing to the alarming theft of books which has been described, the annual examination of the library has been made with the greatest care by checking off from the shelf lists, which are a complete inventory of the library, the volumes found on the shelves or otherwise accounted for. The work has been done without calling in the books or interfering with the circulation. It began in February, and four persons for a month were examining the shelves and making a list of books which were not in their places. The time of one attendant has since been chiefly given to watching the shelves and tracing up the books not accounted for. The list of books missing now numbers 362 volumes, 21 volumes less than two years ago, and 413 less than was reported last year. Of these 163 are English prose fiction and juveniles; 38 in science and art; 33 in German literature; 34 in history and biography; 33 in Scandinavian

literature; 10 in French literature; 9 in poetry and drama; 9 in language and history of literature; 7 in medicine; 7 in travels; 7 in religion; 1 in Polish literature; 5 reference books, and 6 miscellaneous. Of the 775 reported missing last year, 573 have been found, of which 414 were recovered from Otto Funk.

THE LIBRARY AND THE PUBLIC SCHOOLS.

The joint rules of the Library Board and Board of Education, under which the principals can draw books for the use of their pupils in the study of special subjects, has been so modified as to enable teachers to draw books for their classes under the same conditions. The North Division High School, and the following grammar schools have drawn books under the rule, namely: The Brown, Central Park, Dore, Emerson, Foster, Keith, Scammon, Skinner, Vedder Street, Wallace Street, Walsh, Webster, and West Jackson Street schools. The four hundred and seventeen books borrowed have been carefully used and promptly returned. The principals of other schools have expressed the intention of taking books, but have not done so. The teachers who have made use of library books, have found them very helpful to their pupils. The Committee on the subject in the Board of Education are of the opinion, in which I fully concur, that many of the principals have not sufficiently appreciated the benefits which a more zealous interest in, and larger use of, the Public Library would be to their pupils; and the Committee intend during the coming year to promote a more general interest in the subject. The work of bringing the pupils of the public schools in contact with books, and giving them some knowledge of their use, must be done by the teachers themselves. The Public Library and its officers can do little more than give the teachers the facilities for the work. Some labor indeed is required, and intelligence needed, in carrying it on; but it is work which will be of the greatest advantage to the pupils in helping them to continue their self-education by

means of books after they leave school. Several of the grammar schools have recently procured libraries of their own; but these libraries necessarily lack books which pupils need in the study of specific subjects. Five classes from the West Division High School, and two from private schools have come to the Library and had a lecture on some topic selected by its teacher which was illustrated by the books on that topic spread before them. The invitation has been extended to the principals of all the grammar schools to bring their seventh and eighth grades to the Library for such exercises; and it is hoped that during the coming school year the invitation will be generally accepted. Our accommodations for these exercises at present are very limited; but when a new building is erected, a room and the equipment for receiving these classes should be provided. I feel under obligations to the Chairman of the Committee of the Board of Education and to several of the principals for the sympathy and co-operation they have given me in developing this interesting branch of education which is receiving much attention in other parts of the country.

OTHER LIBRARIES IN THE CITY.

I have been requested by the Board to collect, as far as was practicable, the statistics of other libraries in the city. Circulars of inquiry have been sent to all the society, educational, professional and subscription libraries I could hear of, and from some of them I have had no response. The results of my inquiries will be found in Appendix "D." The list, if it has no other interest, will be useful as the basis of a more complete inventory at some future time. The Secretary of State at Springfield has sent circulars to all the libraries in Illinois, soliciting full information as to their history and statistics, and he will soon print the same. The Commissioner of Education at Washington, is about to issue a supplement to his interesting "Report on the Libraries of the United States," 1876, in which he will in-

clude the libraries established since 1876, and the statistics of all at the present time.

I have also endeavored by correspondence to ascertain the number and statistics of the Public Libraries in the State—meaning by the term "Public Libraries" those supported by municipal taxation and organized under the "Public Library act" of March 7, 1872. A considerable number of towns in the State have what purports to be a "Public Library," but it is merely a subscription library and is not supported by public taxation. I have ascertained that twenty-nine cities and towns in the State of Illinois, have a Public Library, and are maintaining it under the provisions of the State law of 1872. The following is the list of them, and it will be seen by their dates of organization that four have been organized during the present year: Aurora, 1882; Belvidere, 1885; Brazil, 1879; Cairo, 1882; Centralia, 1882; Chicago, 1872; Champaign, 1877; Danville, 1883; Decatur, 1875; Dundee, 1876; East St. Louis, 1874; Elgin, 1874; Evanston, 1873; Batavia, 1873; Galesburg, 1874; Joliet, 1875; Kewanee, 1875; Macomb, 1882; Moline, 1873; Onarga, 1874; Ottawa, 1885; Peoria, 1881; Rockford, 1872; Rock Island, 1872; Sterling, 1878; Urbana, 1874; Warren, 1885; Winnetka, 1885; Warsaw, 1872. I have regarded it as a pleasure, as well as a professional duty, when applications are made for information as to the organization or management of public libraries, to give such advice as is needed. The result is that many institutions have expressed obligations to this Library, and the system and methods here used have been adopted, in whole or in part, in nearly all the libraries in the Northwestern States.

THE FUTURE.

The question of greatest moment to the Library at this time is that of providing it with a permanent location. It has out-grown these rooms, which are contracted, inaccessible to the public, combustible, and unfit in every respect for its further use. The space required for permanent quarters

may be inferred from a few practical considerations. The Library now occupies twenty thousand square feet on two floors, and every department, as we have seen, is cramped for want of room. No additional space is possible in this location, and thirty thousand square feet are now needed. If the location were changed to a ground floor, and such additional rooms provided as are needed, the increase of visitors and of work in one year would require a space of forty thousand square feet. This space is an area of eight hundred feet by fifty—for on account of securing a sufficient quantity of light, no library construction should be more than fifty feet wide. Buildings which are constructed for mercantile purposes are, therefore, not adapted for library purposes. Where is the location in the central part of the city affording this amount of space, which can be purchased, or even rented on terms which the Library can pay? This estimate considers only the present wants of the Library. What will be its wants ten, twenty, thirty, or fifty years hence? It is prudent in determining the location of a permanent institution to consider these questions. Nearly all the large libraries of the country have made the mistake at the outset in considering only present wants, or wants for a limited period; and they are paying the penalty in enormous expenditures which might have been saved. This Library is now eleven years old, has collected 111,621 volumes, and has the largest constituency of readers and statistics in use of any library in the country, except the Boston Public Library, which is thirty-three years old and has 420,000 volumes. When the Boston Library was eleven years old it had 110,563 volumes. Its original building, constructed especially for the purpose, elegant and expensive, and supposed to be a permanent home, the Library is about to abandon, and is starting again in a new location which will afford ample space for growth. The State of Massachusetts gave the Library a lot of land measuring 32,500 square feet for the building; but the Trustees in view of their late experience decided not to build on it un-

less the City would buy from the State an adjoining lot of equal size at an expense of $180,000, which was done. The Trustees have now a lot measuring 65,000 square feet, and are going on with the erection of the building, using only such portion of the lot as will supply their present wants and those of a decade of years to come.

Some of our citizens, who have the best intentions toward the Public Library, but have not duly considered its future wants, have recommended several locations and buildings which are insufficient in size. Each of them might meet the temporary wants of the Library for the present and a few years to come; then it would be necessary to move, and the question of a permanent location would again stare us in the face.

Dearborn Park, measuring 62,500 square feet, is the location which this Board, the Mayor, the City Council, and the public at large have desired, and have petitioned Congress to dedicate for the permanent use of the Public Library. Its size, and its location with reference to the lines of street railways, are all that can be desired. Our Senators and Representatives in Congress have unanimously favored the dedication, and the last Judiciary Committee of the House of Representatives, on the presentation of the subject by a Committee of this Board, reported such a bill as was desired. That the bill, which was not reported until the middle of May, 1884, was not reached on the calendar when Congress adjourned, is no occasion for discouragement in securing this location, if another report and bill be secured early in the first session of the next Congress.

Respectfully submitted,

W. F. POOLE,

Librarian.

Appendix A.

SUMMARY OF STATISTICS FROM 1875 TO 1885.

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.
Books in the Library	39,236	49,024	51,409	57,984	60,423	67,772	77,140	87,272	94,606	106,341	111,621
Total Accessions	21,053	10,251	3,399	7,876	4,287	8,440	11,920	11,038	9,416	12,972	6,836
Purchased	20,122	8,056	2,441	6,544	3,010	7,799	9,814	9,691	8,065	11,799	5,692
Donated	969	2,195	958	1,332	1,277	641	2,106	1,347	1,351	1,173	1,144
Expended for	$28,410 63	$10,784 19	$ 2,504 17	$ 9,078 06	$ 2,907 24	$ 7,404 52	$ 10,843 72	$ 10,052 62	$ 10,814 52	$ 12,995 86	$ 6,899 14
Worn out	38	463	1,015	1,301	1,848	1,137	2,502	906	2,082	1,257	698
Unaccounted for	322	421	286	186	210	160	281	297	383	775	362
Pamphlets, Accession of	1,944	354	282	419	1,037	487	848	2,133	1,442	604	3,201
Registration of Book Borrowers	20,710	9,843	6,932	11,831	9,130	9,505	10,905	10,241	11,174	12,609	13,297
Circulation of Books	399,156	405,747	398,090	354,506	368,428	306,751	352,801	349,977	376,475	429,313	519,691
Daily Average	1,313	1,366	1,301	1,166	1,205	1,002	1,161	1,144	1,259	1,404	1,704
Largest issue, one day	2,539	2,631	2,501	3,309	2,339	2,176	2,421	2,358	2,654	3,317	3,720
Smallest issue, one day	329	698	732	572	662	613	626	676	637	694	1,007
Received for Fines	$ 2,648 72	$ 2,831 44	$ 2,710 64	$ 1,959 57	$ 1,882 70	$ 1,775 72	$ 2,064 35	$ 2,169 18	$ 2,220 26	$ 2,954 32	$ 3,088 00
Reading Room, Periodicals on File	288	285	220	210	228	221	241	252	265	284	328
Newspapers on File	80	104	91	98	118	128	120	124	123	141	148
Visitors	236,021	228,795	199,760	181,052	186,588	189,536	302,796	366,118	543,456	603,302	623,245
Periodicals Issued	135,355	138,934	127,423	115,275	119,547	124,597	184,617	199,471	264,649	285,422	282,613
Sunday Readers, Av	560	360	296	280	290	297	688	1,090	1,587	1,705	1,630
Cost of Serials	$ 1,914 94	$ 2,300 55	$ 1,495 14	$ 1,277 28	$ 1,635 52	$ 1,705 54	$ 1,677 66	$ 1,394 34	$ 2,158 28	$ 1,797 72	$ 1,941 93
Reference Dep'tm't Visitors	----------	5,528	8,375	16,916	20,214	23,105	32,340	38,484	42,734	59,696	52,054
Issues	----------	18,283	15,790	37,498	63,691	68,115	97,564	117,074	134,408	175,360	131,778
Binding, Cost of	$ 1,991 80	$ 4,356 57	$ 2,993 25	$ 2,723 55	$ 3,984 02	$ 2,167 01	$ 3,364 65	$ 3,843 32	$ 2,814 47	$ 3,335 61	$ 3,618 02
Amount Paid for Salaries	15,545 00	14,705 20	11,972 47	13,274 90	13,571 00	14,559 00	17,688 35	20,853 92	22,486 58	25,159 43	28,620 77

Appendix B.

LIST OF DONORS.

	Vols.	Pamp.
Aiken, W. H., College Hill, O.	--	1
Albany, N. Y., Young Men's Association	--	2
Albert Lee Route	--	1
Alden, Edwin, and Bros., Cincinnati	1	--
American Antiquarian Society, Worcester, Mass.	--	1
American Congregational Association, Boston	--	1
American Dental Association	1	1
American Engineer, Publishers of	1	--
American Institute of Mining Engineers	3	--
American Philological Association	--	2
American Unitarian Association	--	66
Amherst College	--	2
Amory, Thomas C., Boston	--	1
Andover, Mass., Theological Seminary	--	1
Andrews, Dr. Edmund	5	--
Arnold, Miss Kate	1	--
Artingstall, Samuel G.	--	1
Baker, Henry B., Lansing, Mich.	--	1
Baltimore, Peabody Institute	1	1
Barrow-in-Furness, Eng., Public Library	--	1
Barton, Edmund M., Worcester, Mass.	--	1
Batchelder, J. L.	1	--
Beaver Dam, Wis., Public Library	--	1
Belfield, Henry H.	--	1
Belgium, House of Representatives	10	--
Benjamin, R., Cincinnati	1	--
Bicker, A., Cincinnati	--	1
Bicknell, Thomas W., Boston	--	1
Birmingham, Eng., Free Library	--	2
Blanchard, Rufus, Wheaton, Ill.	2	--
Bodleian Library, Oxford, Eng.	--	1
Bossange, Léopold, Paris	1	--
Boston, City of	3	--

	Vols.	Pamp.
Boston, Children's Hospital	--	1
Boston, City Hospital	1	--
Boston, Port and Seamen's Aid Society	--	1
Boston, Public Library	1	4
Boston University	2	1
Bowdoin College, Brunswick, Me.	--	1
Bradlee, Caleb D., Boston	--	1
Bramhall, Frank J.	5	--
Bridgeport, Conn., Public Library	--	1
Briggs, William S., Keene, N. H.	--	1
Brinton, Daniel G., Philadelphia	2	3
Brookline, Mass., Public Library	--	1
Brooklyn, N. Y., Brooklyn Library	--	3
Brown, Dr. Francis H., Boston	17	452
Brown, Taylor E.	--	1
Brown University	--	1
Browne, Francis F.	1	4
Buffalo Historical Society	1	1
Buffalo, Young Men's Association	--	2
Busch, William	--	1
California, University of	--	23
Cary, Eugene	1	--
Chamberlain, Mellen, Boston	--	1
Chicago, City of	3	--
Chicago, Board of Education	1	3
Chicago, City Clerk	1	--
Chicago, City Controller	3	--
Chicago, House of Correction	--	1
Chicago, South Park Commissioners	--	15
Chicago, Bethany Congregational Church Library	--	1
Chicago, Citizens' Association	--	3
Chicago, Dearborn Observatory	--	1
Chicago, Douglas School Library	--	1
Chicago, Historical Society	1	--
Chicago, Inter-State Industrial Exhibition	1	--
Chicago, Law Institute	--	2
Chicago, Manual Training School	--	1
Chicago, Medical Society	130	--
Chicago, St. Luke's Free Hospital	--	1
Chicago, Tribune Office	78	167
Chicago, Union Veteran Club	1	--
Chicago University	--	1
Cincinnati, Board of Education	1	--
Cincinnati, Bottlers' Exhibition	--	1
Cincinnati, Public Library	3	7

	Vols.	Pamp.
Cincinnati, Young Men's Mercantile Association	--	4
Civil Service Record, Publishers of	3	--
Clarke, J. C. C.	1	--
Cleveland, Horace W. S.	--	1
Cleveland, Ohio, Public Library	--	1
Clinton, Mass, Bigelow Public Library	--	1
Cobden Club, London	--	1
Columbia College Library, New York City	--	2
Columbus, Ohio, City Library	--	1
Colton, D. Alphonso	1	--
Concord, Mass., Public Library	--	1
Conklin, William J., Dayton, Ohio	--	4
Connecticut Mutual Life Insurance Company	1	--
Cox, W. R.	--	1
Cram, George F.	1	--
Crunden, Frederick M., St. Louis	--	1
Cullom, Hon. Shelby M.	10	1
Curtiss, Prof. Samuel Ives	2	--
Cutler, Temple, Essex, Mass.	1	--
Dana, Dr. C. L., New York	--	2
Danvers, Mass., Peabody Institute	--	1
Davis, Hon. George R.	9	--
Dayton, O., Public Library	1	--
De Bernardy Bros., London	--	1
Delisle, Léopold, Paris	5	29
Detroit, Board of Education	--	1
Diplomatic Review, London	--	81
Donnelley and Sons	5	--
Dresden Royal Library	--	1
Drury College, Springfield, Mo.	--	1
Dundee, Scotland, Public Library	--	1
Dunham, Hon. R. W.	4	--
Eastman, S. C.	--	1
Edwards, Rev. Arthur	11	168
Elliot, Frank M.	1	--
English, C. D.	--	1
Fisk, H. F.	1	--
Foster, Dr. A. H.	5	--
France, Ministère de l'Instruction Publique	1	--
France, War Department	1	--
Frederiksen, Mrs. N. C.	9	--
Germantown, Pa., Friends' Free Library	--	1
Gilbert, Frank	--	1
Goodell, Abner Cheney, Jr., Salem, Mass.	--	1
Goodwin, Daniel, Jr.	1	--

	Vols.	Pamp.
Gookin, Fred. W.	1	--
Great Britain, Commissioners of Patents	92	--
Green, Dr. Samuel A., Boston	13	74
Guthrie, Malcolm, Liverpool	2	--
Hallock, J. C., Jr., Brooklyn, N. Y.	2	--
Ham, Charles H.	1	--
Hamill, Dr. R. C.	51	129
Handsworth, Eng., Public Library	--	1
Harrison, George L., Philadelphia	1	--
Hartford, Conn., Library Association	--	3
Hartford, Conn., Theological Institute	1	--
Harvard University	3	6
Hatfield, James T., Evanston, Ill.	1	--
Hawxhurst, Arthur	22	--
Haynes, Tilly, Boston	1	--
Hild, Fred. H.	1	--
Hill, Matthew	1	--
Hinstorff, Gustave	15	8
Holden, Prof. Edward S., Madison, Wis.	1	--
Holland, Royal Library	--	1
Horton, S. Dana, Pomeroy, O.	--	4
Hotz, Dr. Ferdinand C.	1	1
Howard, W. S., New Orleans	1	--
Howland, George	1	--
Hoyne, Dr. Temple S.	3	--
Hugunin, Henry M.	1	--
Hurlbut, Dr. V. L.	82	1259
Illinois, Board of Health	18	73
Illinois, Bureau of Labor Statistics	1	--
Illinois, Charitable Eye and Ear Infirmary	--	1
Illinois, Northern Hospital for the Insane	--	2
Illinois Humane Society	--	1
Illinois Industrial University	1	1
Illinois Knights Templar, Grand Commandery	1	--
Illinois National Guard	1	--
Illinois State Dental Society	1	--
Ingals, Dr. Ephraim	18	98
Inland Printer Company	--	6
Inwards, R.	1	--
Iowa State Library	--	1
Jackson, Dr. A. Reeves	17	--
Jackson, Luis	--	3
Jansen, McClurg & Co.	--	95
Johns Hopkins University	--	8
Kansas State Board of Agriculture	1	--

	Vols.	Pamp.
Kansas State Library	--	1
Kurtz, Charles M., New York	1	--
Lancaster, Mass., Library Association	--	1
Lane, Dr. J. S.	24	--
Larned, Walter C.	--	1
Lawrence, Mass., Public Library	--	1
Leeds, Josiah W.	1	--
Leeds, England, Public Library	--	1
Leicester, Mass., Public Library	--	1
Levi Parson's Library, of Gloversville and Kingsboro, N. Y.	--	1
Liljencrantz, G. A. M.	2 Charts.	
Liverpool, England, Free Libraries	--	1
Logan, Hon. John A.	30	--
London, Corporation of the City of	1	--
Longmeadow, Mass., Centennial Commission	1	--
Louisville, Art Gallery	1	--
McClure, J. G. K., Lake Forest, Ill.	--	1
McIntosh Galvanic and Faradic Battery Co.	1	--
McVicker, J. H.	1	--
Malden, Mass., Public Library	--	1
Manchester, Eng., Literary and Philosophical Society	5	--
Manchester, Eng., Public Libraries	--	1
Manchester, N. H., Public Library	--	1
Massachusetts College of Pharmacy	--	1
Massachusetts Medical Society	--	2
Massachusetts State Department	5	--
Medill, Joseph	1	2
Melrose, Mass., Public Library	--	1
Merton, Dr. Arthur	1	--
Meylert, Dr. Asa P.	--	1
Michigan State Library	38	11
Michigan University Library	--	37
Miller, G. B.	1	--
Milwaukee Public Library	--	2
Minnesota Historical Society	1	1
Minnesota University	--	1
Mitchell Library, Glasgow	--	1
Moe, M. F. H.	4	--
Monroe, James, Peoria, Ill.	1	--
Montgomery Co., Pa., Centennial Association	1	--
Moore, George H., New York	--	1
Moses, Adolph	--	2
Nason, Leonard Herbert	2	--
National Association for Social Science, London	1	--
National Congregational Council	1	--

	Vols.	Pamp.
National Home for Disabled Soldiers, Milwaukee	--	1
New Bedford, Mass., Public Library	--	1
New Jersey College Library	1	--
New York City, Astor Library	--	2
New York City, Board of Education	4	--
New York City, General Society of Mechanics	--	1
New York City, Maimonides Library	--	4
New York City, Mercantile Library	--	2
New York City, Meteorological Observatory	--	10
New York City, Young Men's Christian Association	1	1
New York and Brooklyn Bridge, Board of Trustees	1	--
New York Produce Exchange	1	--
New York State Library	7	4
Newton, Mass., Public Library	--	1
Nitchie, Joseph H.	14	--
Northern Transcontinental Survey, Newport, R. I.	2 Maps.	
Northwest Review, Publishers of	1	--
Ohio State Library	18	--
Onderdonk, Henry, Jr., Jamaica, L. I.	--	1
Palmer, Dr. A. B., Ann Arbor, Mich.	--	13
Palmer, Thomas W.	--	1
Paris, Bibliothèque Nationale	--	1
Parvin, Theodore S., Iowa City	2	--
Peaslee, John B., Cincinnati	--	2
Pennsylvania Historical Society	--	1
Peoria, Ill., Board of Trade	--	2
Pettegrew, William S.	2	--
Philadelphia, Commissioners of Public Buildings	--	1
Philadelphia, Library Company	--	4
Philadelphia, Mercantile Library Association	--	3
Philadelphia, Numismatic and Antiquarian Society	--	1
Phillips, Henry, Jr., Philadelphia	1	3
Philosophical Society of Washington	1	--
Plymouth, Eng., Public Library	--	1
Poole, William Frederick	--	5
Probasco, Henry, Cincinnati	--	1
Providence, R. I., Athenæum	--	2
Providence, R. I., Friends' School	--	1
Providence, R. I., Public Library	--	1
Putnam, Charles E., Davenport, Iowa	--	1
Quincy, Elizabeth Susan, Boston	1	--
Rawle, W. H., Washington	1	--
Redpath, James, New York	1	--
Redwood Library, Newport, R. I.	--	1
Reed, A. H.	1	260

	Vols.	Pamp.
Reyer, E.	--	2
Robertson, A. W., Aberdeen, Scotland	1 Map.	
Rochdale, Eng., Public Library	--	1
Rochester University	--	1
Rose Polytechnic Institute	--	2
Rotherham, Eng., Public Library	--	2
Royal Astronomical Society, London	1	--
Royal Institution of Great Britain, London	--	1
Royal Scottish Society of Arts	--	1
Royal Society of Canada	1	--
Russell Library, Middletown, Conn.	--	1
Sage Public Library, Bay City, Mich.	--	4
St. Helens, Eng., Public Library	--	1
St. Louis, Mercantile Library Association	--	2
St. Louis, Public School Library	--	3
San Francisco, Mechanics' Institute	1	--
San Francisco, Mercantile Library	--	1
Senne, Hon. Henry C.	4	2
Sharpe, Dr. Samuel K., Rock Island, Ill.	51	20
Sheffield, Eng., Public Library	--	1
Shorey, Daniel L.	1	63
Smithsonian Institution	3	--
Somerville, Mass., Public Library	--	1
Spamer, Richard, St. Louis	--	1
Springfield, Mass., City Library Association	--	1
Stearns, George T.	--	1
Steele, Henry T.	--	1
Steiner, Lewis H., Baltimore	--	1
Stockton, Cal., Public Library	2	2
Swansea, Eng., Public Library	--	1
Swett, Leonard, and J. L. High	2	--
Taunton, Mass., Board of Education	--	1
Taunton, Mass., Public Library	1	2
Thomas, George Francis	3	--
Thomas, G. W.	30	--
Thurman, W. C.	--	1
Toledo, O., Public Library	--	1
Toronto, Canada, Public Library	1	1
Townsend, Belton O'N., Florence, S. C.	1	--
Tracy, C.	--	1
Trinity College, Hartford	--	1
Trumbull, M. M.	2	--
Tuckerman, Bayard, New York	5	--
Tufts College	1	1
Uber, Adolph G.	--	1

	Vols.	Pamp.
Ulrich, Barton Adolphus	--	2
United States, Bureau of Education	3	8
United States, Bureau of Ethnology	1	--
United States, Bureau of Statistics	--	2
United States, Chief of Ordinance	1	--
United States, Civil Service Commission	--	3
United States, Coast Survey	1	--
United States, Commissioner of Agriculture	--	1
United States, Commissioner of Navigation	1	--
United States, Commissioner of Patents	14	--
United States, Controller of the Currency	1	--
United States, Department of the Interior	185	--
United States, Department of State	--	11
United States, Fish Commission	1	--
United States, Geological Survey	8	6
United States, Life Saving Service	1	--
United States, Marine Hospital Service	1	--
United States, Naval Observatory	1	1
United States, Navy Department	5	--
United States, Post Office Department	1	--
United States, Signal Service	2	1
United States, Surgeon General's Library	1	--
United States, Treasury Department	1	--
United States, War Department	6	--
Vassar College	--	2
Vermont State Library	9	3
Vermont, University of	--	1
Victoria, Her Majesty the Queen	1	--
Victoria, Australia, Public Library	--	1
Virginia, University of	--	2
Wakeman, Edgar L.	2	--
Washburn Observatory, Madison, Wis.	--	1
Waterhouse, Prof. S., St. Louis	--	1
Waterman, Rev. H. B.	5	--
Webber, W. L., East Saginaw, Mich.	--	2
Wednesbury, Eng., Public Library	--	1
Wheatland, Henry, Salem, Mass.	--	1
White, R. E., San Francisco	1	--
Whiting, David V.	--	5
Whitney, F. I.	1	--
Wight, P. B.	1	145
Wilmington, Del., Institute	--	1
Winthrop, Robert C., Boston	--	1
Winthrop, Robert C., Jr., Boston	--	1
Woburn, Mass., Public Library	--	1

	Vols.	Pamp.
Woodbury, C. J. H., Boston	--	2
Worcester, Rev. J. H.	1	--
Worcester, Mass., Public Library	--	1
Wright, Harrison, Wilkes-Barré, Pa.	--	2
Wyld, Dr. George, London	62	55
Yale College	1	1
Young, Mason, New York	--	1
Zincken, C. F., Leipzig	1	--
Unknown	2	6

Appendix C.

SERIALS DONATED.

American.

Alarm.
American Country Merchant.
American Mail and Export Journal.
American Sheep Breeder.
American Stationer.
Argus.
Building Budget.
Canada Patent Office Record.
Carriage Journal.
Chicago Legal News.
Chicago, Proceedings of the Council.
Christian at Work.
Church Press.
Civil Service Record.
Collector's Companion.
Congressional Record.
Cook Co. Commissioners' Proceedings.
Deaf-Mute Hawkeye.
Dial.
Dairy World.
Druggists' Circular.
Farmer's Review.
Folio.
Friend.
Hardware Reporter.
High School Journal.
Home Visitor.
Indicator.
Keynote.
Literary Life.
Lithographer.
Lumber Trade Journal.
Manifesto.
Miller's Journal.
Mind in Nature.
Mining Record.
Mining Review.
Missionary Review.
Missionary Herald.
National Bottlers' Gazette.
National Live Stock Journal.
New Jerusalem Messenger.
Normal Worker.
Official Gazette of the Patent Office.
Philatelic Journal.
Phonographic Monthly.
Practical Phonographer.
Pharmacist and Chemist.
Phrenological Journal.
Scandinavia.
Shorthand News.
Shorthand Writer.
Signs of the Times.
Sporting Journal.
Stationer and Printer.
Stumble Stone.
Voice.
Unitarian Review.
Unity.
Western Agriculturist.
Western Manufacturer.
Young Mineralogist.

Medical Publications.

AMERICAN.

The following publications are the gift of the Chicago Medical Society.

American Journal of Obstetrics.
American Journal of Medical Science.
Boston Medical and Surgical Journal.
Dental Cosmos.
Journal of American Medical Association.
Journal of Nervous and Mental Disease.
Medical Review.
Medical Record.
Medical Visitor.
Practitioner.

BRITISH.

Lancet.
Medical Times.

GERMAN.

Archiv für Klinische Chirurgie.
Deutsches Archiv für Klinische Medicin.

British Publications.

Brewer's Guardian.
Homœopathic Review.
Investor's Monthly Manual.
Monthly Notices of the Royal Astronomical Society.
Proceedings of the Royal Geographical Society.
Textile Recorder.
Weekly Register.

Daily Newspapers.

Boston, Herald.
Chicago, Arbeiter-Zeitung.
Inter-Ocean.
Morning Herald.
Skandinaven.
Staats Zeitung (2 copies).
Svornost.
Telegram.
Weather Bulletin.
Cleveland, Volnost.
Jersey City, Evening Journal.
New Orleans, Times.
New York, Delnik Ameriky.

Weekly Newspapers.

Baltimore, American.
Battle Creek (Mich.), Advent Review.
Boston, Christian Register.
World's Crisis.
Caldwell, Tribune.
Chicago, Afholdsbladet.
Banner.
Beobachter.
Chicago-Bladet.
Chicago Revue.
Christelige Talsmand.
Citizen.
Express.
Folkevennen.
Folkets Avis.
Gamla och Nya Hemlandet.
Gazeta Chicagoska.
Illustreret Ugeblad.
Industrial World.
Journal of Commerce.
Lever.
Missions-Wännen.
Music and Drama.
Nederlander.
Norden.
Nye Tid.
Occident.
Oesterreichisch-Am. Zeitung.
Progressive Age.
Saturday Herald.
Sonntagsgast.
Standard.
Svenska Amerikanaren.
Svenska Tribunen.
Verdens Gang.
Vorbote.
Vort Land.
Weltbürger.
Western Catholic.

Cleveland, Dennice Novovéku.
DeLand, Florida Agriculturist.
Detroit, Free Press.
Michigan Catholic.
Fargo, Republican.
Fort Madison, Democrat.
Hope, Pioneer.
Kankakee, Courier de l'Illinois.
La Grange, Texas, Slovan.
Milwaukee, Zgoda.
Nashville, Cumberland Presbyterian.
New York, Hebrew Standard.
Irish World.
Paper Trade Journal.
Sabbath Recorder.
Zabavne Listy.
Oakland (Cal.), Signs of the Times.
Ontario (Cal.), Fruit Grower.
Palatka (Fla.), Putnam Co. Journal.
Portland (Ore.), Northwestern Farmer and Dairyman.
Port Emma (Dak.), Emma Times.
Pribrami, Horimir.
Racine, Slavie.
San Francisco, New Age.
Woman's Herald of Industry.
Sanford (Fla.), Journal.
Seattle (W. T.), Die Tribüne.
South Chicago, Weekly Tribune.
Stafford (Kan.), Herald.
Trinidad (Col.), Review.
Washington (D. C.), National Equal Rights.
Sentinel.

BOHEMIAN.

Duch Casu.
Kvèty Americhé.
Tabore, Gesky Iih.

Appendix D.

OTHER LIBRARIES IN CHICAGO.

Allen's Academy. 144, 22d St. Organized 1874. 2500 volumes.

American Electrical Society. Deposited in the Chicago Manual Training School, corner Michigan Ave. and 12th St. C. H. Wilson, Librarian; H H. Belfield, in charge. Organized 1874. 400 vols.

Bennett Medical and Library Association. 511 State St. E. E. Curtis, Librarian, W. A. Dutt, in charge. Org. 1883. 200 vols.

Board of Education. Under its general charge sixty-two public schools have 1,497 reference books, and twenty-three schools have libraries containing 11,583 volumes. Total, 12,580 vols.

Board of Trade. Jackson and La Salle Sts. George F. Stone, Secretary. Organized 1850. 300 vols.

Chicago Academy of Science. Exposition Building. Chas. S. Fellows, Librarian. J. W. Viele, Secretary in charge Org. 1859. 1,000 vols. 1,500 pamphlets. The library is not accessible, the books being packed in boxes for want of a library room.

Chicago Athenæum. 50 Dearborn St. E. I. Galvin, Superintendent. Org. 1871. 1,000 vols.

Chicago College of Pharmacy. 465 State St. S. L Coffin, Librarian. Org. 1859. 5,000 vols.

Chicago Historical Society. 142 Dearborn Avenue A. D Hager, Librarian. Org. 1856, and has been twice burned out. 8,879 volumes and 27,980 pamphlets.

Chicago Law Institute. County Court House. W. I. Culver, Librarian. Org. 1857. 17,095 vols.

Chicago Medical College. 26th St. and Prairie Ave. Dr. M. P. Hatfield, Librarian. Org. 1882. 305 vols.

Chicago University. 3400 Cottage Grove Ave. Prof. A. J. Howe, Librarian. Org. 1858. 9,470 vols.

Dearborn Observatory. At Chicago University, 3400 Cottage Grove Ave. Prof. G. W. Hough, Director. Org. 1864. 1,000 vols.

Hammond Library of the Chicago Theological Seminary. Ashland and Warren Avenues. Prof. Samuel Ives Curtiss, Librarian. Org. 1858. 6,500 vols.

Home Teaching for the Blind—Free Library. Farwell Hall, 148 Madison St. Mrs. Jas. L. Houghteling, Secretary. Org. 1883. 300 volumes of Books for the Blind.

Library Association of the Third Presbyterian Church. Ashland and Ogden Avenues. L. T. Woodcock, Librarian. Org. 1881. 1,277 vols.

New Church Library and Book Room. 17 Van Buren St. J. R. Putnam, Librarian. Org. 1880. 300 vols.

North Chicago Rolling Mill Library. Org. 1870. 700 vols. Has been shut up for the past five years and its operations wholly suspended.

Presbyterian Theological Seminary. 1060 North Halsted St. E. L Curtis, Librarian. Org. 1859 10,000 vols.

St. Ignatius College. 413 W. 12th St. Rev. John P. Hogan, S. J., Librarian. Org. 1870. 12,000 vols.

Seminary of the Sacred Heart. 485 West Taylor Street. Madame A. M. Onahan, Librarian

Sodality Library. Church of the Holy Family. 12th St. and Blue Island Ave. Philip Farrelly, Librarian. Org 1865. 1,300 vols.

Union Catholic Library Association. 204 Dearborn St. Jos. E. Elder, Librarian. Org. 1868. 3,300 vols.

Young Ladies' Sodality Library. Church of the Holy Family. 12th St. and Blue Island Ave. Maggie Ryan, Librarian. Org. 1866. 1,200 vols.

Young Men's Christian Association. 148 Madison St. A. T. Hemingway, Secretary. Org. 1858. 3,000 vols.

Young People's Library Association. Paulina and West Huron Sts. Org. 1878. 400 vols.

THIRTEENTH ANNUAL REPORT

OF THE

BOARD OF INSPECTORS

OF THE

HOUSE OF CORRECTION

OF THE

CITY OF CHICAGO,

AND

REPORTS OF THE SUPERINTENDENT AND CITY PHYSICIAN
TO THE BOARD,

FOR THE YEAR 1884.

CHICAGO:
KNIGHT & LEONARD, PRINTERS.
1885.

OFFICERS—1884.

INSPECTORS.

HON. CARTER H. HARRISON, *Mayor,*
COL. C. G. HAMMOND,*
LOUIS WAHL,
HON. LUTHER LAFLIN MILLS.

SUPERINTENDENT.

CHARLES E. FELTON.

CITY PHYSICIAN.

FRENCH MOORE. M.D.

* Deceased April 15, 1884.

THIRTEENTH ANNUAL REPORT

OF THE

INSPECTORS OF THE HOUSE OF CORRECTION.

OFFICE OF THE HOUSE OF CORRECTION,
CHICAGO, January 26, 1885.

To His Excellency RICHARD J. OGLESBY, *Governor of Illinois, and to the Honorable City Council of the City of Chicago:*

GENTLEMEN: The undersigned submit this their annual report as Inspectors of the House of Correction of the City of Chicago; it being for fiscal year ending December 31, 1884. We adopt as a part of such report the reports of the Superintendent and City Physician; both of which are hereto appended.

In our last annual report, we stated that but one change had been made in the appointed board of inspectors during the then twelve years of the institution's history. It is with sadness that we are compelled to chronicle the loss of another of our members, Colonel CHARLES G. HAMMOND, who died on the 15th day of April last. In another part of this report will be found a copy of the minutes of this board of its action upon that sad event. His successor has been nominated to the city council by the honorable Mayor of the city. Another change will occur, when the city council shall have confirmed a nomination made by his honor,—made necessary by the removal from the city of Inspector LUTHER LAFLIN MILLS. By the terms of the law, he remains in the board until his successor has qualified.

The tables in the Superintendent's report fully detail the transactions of the year in this department of the city's business; but we will present in summary a few facts, as taken from those tables.

There were 719 males and 145 females,—or a total of 864 prisoners, at the commencement of the year. There were received during the year 5,530 males and 1,469 females,—or 6,999 in all. At the end of the year, there were 556 males and 87 females,—or an aggregate number of 643;—being 221 less in prison than at the close of the preceding year.

Of the offenses for which the above mentioned 6,999 prisoners were convicted, 6,532 were for violation of the ordinances of the city of Chicago; 345 for violation of town and village ordinances; 118 for the commission of crimes against the people of the state; and 4 for violation of the laws of the United States.

Of the 6,999 prisoners, 6,882 were committed for non-payment of executions in amounts varying from $2.50 to $105.50, and to be detained at the rate of fifty cents per day, until amounts of executions were paid, or until otherwise legally discharged; and 113 were committed on time sentences, varying from ten days to eighteen months' imprisonment. Fines and costs imposed upon criminals, when committed for non-payment, are served at the rate of one dollar and fifty cents for each day's imprisonment. Four were committed on fines and costs only, to be served at the latter rate.

There were 7,220 prisoners discharged during the year, of which 5,247 were by expiration of sentence; 1,039 by payments of balances due upon executions; 82 by supersedeas; 3 by habeas corpus; 780 by Mayor's orders*; 1 by Governor's

* Very largely those released by Mayor's order were upon the recommendation of the City Physician, Superintendent of the House of Correction, and the police authorities; and others upon review of the cases. Of the latter, a large portion were released at the request of members of the families of the prisoners released, after nearly all the time required by their respective executions had been served.

pardon; 47 by orders from town and village authorities; 7 by escape; and 14 by death. Of the latter, 2 had served but one day each; 3 four days each; 1 five days; 1 six days; 2 eight days each; 1 twelve days; 1 seventeen days; 1 two months and nineteen days; 1 seven months and six days; and 1 eight months and eight days. The diseases from which deaths occurred were alcoholism, 7; heart disease, 2; pulmonary tuberculosis, 2; nervous prostration, 1; paralysis and epilepsy, 1; and epileptic convulsions, 1. The above statement of causes of deaths shows that they were not attributable to imperfect sanitary condition of the institution. Not one of the above was in good health when received; and all save one were in almost hopeless condition.

Of those received, 3,729 claim not to have been in any prison prior to their present imprisonment, 3,270 acknowledged that they had been.

Of nativities of prisoners, 3,938 were born in the United States, and 3,061 were foreign born.

The daily average of prisoners was $691\frac{4}{10}$, as against 650 in the year 1883; and the average days' imprisonment to each prisoner was $32\frac{1}{5}$ days. In the prior year it was but 31.

The financial exhibit for the year is most gratifying. As in all preceding years, all supplies have been bought at lowest prices, and we have endeavored to make our receipts from our industries and other sources as large as possible. As the result of such policy, we are enabled to show an excess of receipts over expenditures of $107.28;—thus adding another year to the honor roll for industry and economy in the financial management of the affairs of the institution. Among the expenditures were $2,140.86 for material, etc., for improvements and repairs, and $1,508.20 for material with which to finish a workshop which was in process of construction at the

date of our last annual report, and for the purchase of water and sewer pipe, and other materials, for the construction of other work of permanent character. The completion of the workshop addition has given us, we think, a better workshop than any in the country in which to employ prisoners. Its rooms are large, high, and very light and airy; and in striking contrast with those of many prisons. In fact, we invite comparison with any workrooms in any part of our city. The most serious cause of impaired health by imprisonment comes from the inhalation of vitiated air by inmates while confined in ill-ventilated cells and workshops. As our prisons were constructed prior to the appointment of a board of inspectors, we are not responsible for the errors then made in neglecting to follow well known systems for changing the air of the dormitories; nor are we responsible for the neglect of the city council to construct additional prison room for our inmates. We have annually called attention to its necessity.

We summarize the receipts and expenditures for the year:

Cash received from labor of prisoners, and sale of manufactured goods,	$42,964.08
From boarding prisoners,	10,176.90
Sundries,	102.68
Fines collected,	7,548.40
	$60,792.06

Moneys expended as per accounts audited:

For salaries of Superintendent and other officers,	$19,587.78
Provisions,	15,132.72
Medical supplies,	979.68
Bedding and clothing,	2,795.31
Furniture,	566.24
Engineer's department,	4,529.61
Transportation of prisoners from city police stations, and barn and forage expenditures,	4,679.91
Incidental expenses,	2,975.90
Manufacturing department, material, etc.,	5,788.57
Material for improvements and repairs,	2,140.86
Material for construction,	1,508.20
	$60,684 78

The cash expenditures for material for construction, and for improvements and repairs, as given above, indicate but a part of the value of improvements made,—the expense for which should be credited as an additional earning. We have used of our own make, without charge, during the year, 121,000 brick in the completion of the workshop; 15,000 in the construction of sidewalks; and 4,000 in making a reservoir, having a nine-inch tile conduit, 460 feet in length, extending to a slip on our grounds. This conduit furnishes water for our workshops, and would be of great aid in case of fire. And we have consumed 793 cubic yards of material for macadamizing roadways around our workshop; and a large additional quantity in repairing Twenty-sixth street and California avenue, near our institution. Besides these and other materials, the following labor has been utilized,—which, while not appearing on our books as an earning, has contributed none the less to the aid of the city, as it has largely saved expense which would otherwise have been made by the employment of hired labor: on workshop, 1,202 days; laying water pipe on Twenty-sixth street, etc., 1,513 days; on improvements and repairs, 2,902 days; in engineer's department, at blacksmithing, manufacturing of tin ware, and plumbing, etc., a large number of days not separated from other work in that department; and 3,855 days' labor in cultivating our farm. The intrinsic value of the labor on the workshop and at other permanent improvements, and in laying water pipe in Twenty-sixth street, can not be placed less than $2,808.50,—or an average of fifty cents per day each prisoner employed. As the labor in the engineer's department was at the manufacture of articles required for use, and largely perishable in their nature; and as the work on our farm was at cultivating vegetables for prisoners' use, as food, the product of that labor is

not included as an earning, nor as an expense. This would give :

Cash received from all sources,	$60,792.06
Material furnished by institution,	1,644.34
Labor employed by prisoners,	2,808.50
Cash expended for material used,	3,649 06
	$68,893.96
Against which were the aggregate expenditures,	60,684.78
Balance, in our favor,	$8,209 18

In regard to the employment of our inmates, we invite your careful reading of the report of the Superintendent. He has written more elaborately upon that subject than is usual in a report of this nature. But as there seems to prevail, at the present time, great objection to prison labor,— or the present methods of employing it— in many parts of our country, and as objections have been raised in this city of late, we commend to your consideration his extended remarks, adding a few words as to their application to the management of the industries in this institution.

This is a city prison, containing but few inmates who are under time sentences of imprisonment. Of the 6,999 received during the past year, only 113 had term sentences, and those varied from ten days, the minimum, to eighteen months, the maximum sentence. There were but four of the latter. The remainder, 6,886, were imprisoned for the non payment of fines, and liable to be discharged at any moment, for other reasons than expiration of statutory limitation. This alone makes it impossible to assign labor to any special industry with any certainty that it can be retained any definite number of days— a fact in itself that is embarrassing in the extreme, and prevents the possibility of making such selection of an industry as will keep in employment all of our inmates. Again, should all prisoners complete their terms, by remaining during the statutory limitation,— some at fifty cents and others at one dollar

and fifty cents per day, according to the offense committed,— then their imprisonments would be so short that only some special industry could be selected for their employment. Such an industry can not be built up in an hour. It must be one of growth — of development. No man can take that labor, and employ any considerable portion of it, without having several years in which to develop a business suitable for it. It is far more difficult to utilize than ordinary apprentice labor, as it is largely the labor of apprentice bummers and tramps, with weakened intellects,— and is constantly changing. Last year, of the 6,999 prisoners received, 2,148 were on executions varying from $2.50 to $6.50, inclusive, each,— or equal to from five to thirteen days' detention, each ; 1,657 from $7.00 to $11.50, inclusive, each,— equal to from fourteen to twenty-three days each ; 783 from $12.00 to $16.50, inclusive, each,— equal to from twenty-four to thirty-three days each ; or 4,588 prisoners no one of whom could be employed thirty days during his imprisonment. Then add 2,328 prisoners on executions in amounts larger than $16.50 — liable to be discharged as before indicated — and to say the least the labor is not attractive to any employer.

The preceding remarks relate to the financial value of labor, regardless of our moral responsibilities toward our inmates. Out of the 6,999 prisoners received last year, only 122 were criminals. Should the remaining 6,877 be classed with convicts, and treated as such ? They were imprisoned because they could not pay fines imposed for violations of municipal law. Possibly many belong to the crime-class ; but there is a large percentage of persons who never intentionally committed a crime in their lives. Though not our associates, they are our fellow citizens — live among us,— but are in some things weaker than ourselves ; and they have offended against our city laws, by over-indulgence in spirituous liquors,

and in other ways not criminal. Some have been worthy and responsible citizens. All have been fined; and as they can not pay in money, they must pay in labor. No prison officer can discriminate largely as to men when they enter prison,—he must assume that they are all alike; and he must treat them as being alike. It is often suggested that the best way to utilize our labor would be to put our prisoners at work on the streets of our city, using the ball and chain to designate their character, and to prevent escape. Should their employment be in places where they are subject to the public gaze, that they may be further humiliated than by ordinary imprisonment,—thus bringing them into further contempt with their friends and themselves? We have thought not; and for this reason we have declined to suggest such employment; and we do not even permit but few visitors to go through our prisons and our workshops, as men who have any pride or character left, and are imprisoned, do not wish the world to know it. They would even like to forget the fact themselves, if they could. But they do want employment, and must have it; or their imprisonment is one of extreme punishment, and would tend to injury of health and morals, and ultimate happiness, if confined in close and ill-ventilated cells, as they would be. Menial employment has not been selected for them; but employment of such variety and kind as enables a reasonable discrimination in the assignment of our inmates. This is all that should be asked; and it is in that direction that our best thought has been given. No industries in the city of Chicago have been disturbed by our system of employment of our inmates, and our methods should not be disturbed.

We are under many obligations to the Rev. Fathers HENEBERRY, KINSELLA and O'REILLY, of ST. PIUS' CHURCH, for frequent ministrations at the beds of the sick, and services in our chapel; and to the YOUNG MEN'S CHRISTIAN ASSOCIATION

for weekly service conducted by its members; and to Mr. W. A. D. MATHEWS, of Onarga, and other gentlemen, for reading matter for our prisoners. Mr. MATHEWS is engaged in extending like aid to many other prisons; and as his contributions are always carefully selected prior to leaving his hands, he deserves special thanks for his favors.

Respectfully submitted,

CARTER H. HARRISON,
LOUIS WAHL,
LUTHER LAFLIN MILLS.

In Memoriam.

MAYOR'S OFFICE, Chicago, April 17, 1884.

A special meeting of the Board of Inspectors of the House of Correction was held at the Mayor's office, this day, pursuant to a call issued by the Superintendent.

Present. Hon. CARTER H. HARRISON, Mayor and Chairman; LOUIS WAHL, Esq., and Hon. LUTHER LAFLIN MILLS, Inspectors; and CHAS. E. FELTON, Superintendent.

His honor, Mayor HARRISON, announced the death of one of the members of the board, Col. CHAS. G. HAMMOND; and stated that the call had been issued for this meeting, that such action might be had as would give expression of the sense of the board as to its loss.

Whereupon, remarks were made by the several members of the board, and by the Superintendent, of their appreciation of the late member, as a co-worker, and as a citizen and philanthropist; and of his thorough devotion, during his nearly thirteen years' service as a member of this board, to the interest of this department and its wards. The following preamble and resolutions were then unanimously adopted:

WHEREAS, a member of our board, Col. CHARLES G. HAMMOND, departed this life on the 15th inst., at the advanced age of eighty years,—a member who had held the position continuously from the opening of the institution as a

house of correction, and who gave to the city of Chicago his services, with no compensation other than the gratification he received in serving the interests of our people, and the cause of reformatory and humane work among the weak and the erring; and

WHEREAS, the humane and charitable works of our late member were not confined to the sacrifice of his time in this department; but, throughout an active business life of nearly sixty years,—as a merchant, as auditor of a state, as superintendent and organizer of several of our now great railway interests, and in other positions of responsibility requiring great organizing and executive ability,—he always found time to devote his energies to philanthropic work. His labors, after the great fire, in organizing methods for the successful distribution of the fund given to our distressed citizens by our sister cities, has made his name dear to the thousands of its beneficiaries; and his gifts to educational and charitable institutions, and to individuals, and especially his devotion to the interests of the Home of the Friendless, in this city, are proofs that, with successful business life, he accomplished results which have justly placed his name among the greatest and best of our citizens; therefore,

Resolved, That in the death of our distinguished associate, we have not only suffered an irreparable loss, but the citizens of our city who knew him so well are not the less afflicted by his departure.

Resolved, That we earnestly tender his bereaved home circle our unreserved sympathy and condolence, with an expression of the hope that his completeness of character, as man, citizen, and Christian, may assuage the grief which now oppresses them.

Resolved, That the foregoing be made of record, and that a copy thereof be furnished the family of our deceased friend and associate, duly authenticated.

CARTER H. HARRISON, Mayor,
LOUIS WAHL,
LUTHER LAFLIN MILLS.

The Superintendent then reported that he had caused the House of Correction to be closed during the day; which action was unanimously approved.

Resolved, That we do now adjourn; and that we attend the funeral in a body.

CHAS. E. FELTON,
Superintendent and Secretary.

SUPERINTENDENT'S REPORT.

OFFICE OF THE HOUSE OF CORRECTION,
CHICAGO, January 1, 1885.

To the Honorable Board of Inspectors of the House of Correction of the City of Chicago:

GENTLEMEN: The undersigned submits the following report for the year ending December 31, 1884; it being his thirteenth annual report as Superintendent of the House of Correction to your honorable board.

The tables present in summary, as in preceding years, all the statistical and financial facts required for an examination of the business of the department for the past year.

The most important question touching prison management, at the present time, is that of

PRISON LABOR.

Prior to the late general election, the city council passed a resolution directing that no contract for the employment of our inmates be thereafter made by your honorable board; and later, an effort was made by members of that body to obtain, from gentlemen whom his honor the Mayor had appointed as inspectors, promises to comply with the requirements of that resolution, prior to confirming such appointments; and at the date of this report, an ordinance is pending, directing "that the board of inspectors, nor the superintendent, of the house of correction of the city of Chicago shall, after the passage of this ordinance, let any contract for the labor of prisoners confined in said house of correction." For these reasons, I deem it best to give herein my views upon the subject of prison labor in general.

The original resolution was passed on the evening of its introduction. Had opportunity occurred, any opposition, at that time, on the part of the officers of this institution, would have been useless. If the resolution has any validity, it is as effective as would be the proposed ordinance. If not valid, then the ordinance would not be valid. While certain members of the city council might wish the gentlemen to promise, if confirmed, to comply with the direction of the resolution, I do not think that body would approve of such inquiry. Even if the council has not the legal right to direct, a board of inspectors would courteously endeavor to find some other system which would meet the favor of that body. The passage of the ordinance would not add to the force of the resolution, however.

The law directs, that the Mayor of the city, together with three persons appointed by him, by and with the consent of the city council, shall constitute a board of inspectors. The responsibilities of the board cover the entire business of the institution. They appoint a superintendent, and, among other duties, direct as to the employment of inmates. Each member is required to give a bond, in the sum of $50,000, for the faithful performance of his duties; and the inspectors serve without fee or compensation. It was the intention that political interests should cut no figure in the appointments to office, or in the management of the affairs of the house of correction; and that its entire business should be conducted by men who are competent, and whose pride — not pecuniary gain — would prompt them to make such management successful. That they have done so in the past no one disputes. The members of a new board should not be asked, prior to confirmation, to pledge themselves as to a policy in the employment of labor, when their services are to be performed gratuitously; and the requirement

would indicate a determination to change the policy which has secured, thus far, satisfactory results to the people of the city. Only such appointees as have given the subject of prison labor much study would be warranted in committing themselves to any special system of labor. To commit themselves, would be to offer an inducement for their own confirmation to an office of responsibility, without legitimate pecuniary compensation.

That prisoners should be employed at some kind of manual labor is a fact recognized by all who are not biased by political interests, or by other selfish motives. What employment should be furnished, and under what system conducted, depends upon a variety of interests. In a late address, I gave as the basis of reasoning the following propositions which should be accepted as facts:

1st. The employment of prisoners, at some industry, is a necessity to sanitary, disciplinary, and reformatory results.

2d. The kind of employment must be such as to contribute to those ends.

3d. The above being always borne in mind, the industries selected should be those that will least unfavorably affect the interests of free labor.

4th. The question of financial results must then be considered; but not until the former propositions have been affirmatively solved.

Idleness in prison should not be tolerated. It is hurtful to the prisoner; and its existence is productive of a prison class, which, when not in prison, will never do a day's honest labor; and its effect would be so to swell the number of the crime-class that our prisons would require multiplying in number. In the prisons of some countries, a sentence to penal labor implies the most menial of employment; and it is obtained through oakum-picking, the tread-mill, etc.; and

in at least one country, exercise is furnished through the shot-drill. Such exercise is intended principally as a punishment. To impose, as a part of a day's task for a prisoner, the lifting of a shot, weighing twenty-four pounds, and carrying it a given number of feet, and then depositing it; and repeating this process thrice every minute, during three hours each day—equaling the lifting of more than six tons, in twenty-four-pound lots, and carrying them a distance of seventeen feet, would be, to an American's mind, so absurd as to disgust even the most obtuse of the opponents of productive labor by convicts; and the employment of city prisoners upon public highways, as is done in some cities, would be as objectionable in this city, although for other reasons, as would be the adoption of the shot-drill or the tread-mill.

What our people mean by convict labor is that labor of prisoners from which the product has a pecuniary value, which will, in some way, benefit the public,—thus partially compensating for the expenses resulting from crime. And this is about as far as the average citizen cares to examine into its relation to himself or to the public. This is a narrow view to take of the subject. The question of finance, in prison management, should be subsidiary, not principal; but no system can long be maintained which does not secure the return of a fair percentage of the expense of the care of our prisoners. The people know that the labor of prisoners can be so utilized as to make such return; and they will not long tolerate managers who do not secure that end; hence, no impediments should be offered, unless their methods are injurious to other interests affecting the purposes for which prisons were intended.

But there are many worthy men who believe that convict labor deprives free labor of work; and for that reason urge that one of the systems of labor now in vogue in nearly all

the prisons of our country — known as the contract system — be discontinued; and they ask that some other system be substituted, which will furnish employment, and not interfere with their interests. They do not seem to realize that it is not the system of hire, but the question of production, which affects labor interests. There are a few advocates of non-employment; but as they are generally men who never work, but live from the industry of others, their opinions are not worthy of answer. Undoubtedly, if they were prisoners, the old tread-mill would furnish them with excellent employment for their muscles, and it would not furnish goods for a market.

There are three systems of hire in this prison — the piece price, the public account, and the contract. What boots it, so to speak, whether a given quantity of goods has been made under the one, or under another, of the systems? A thousand pairs of stockings of prison manufacture being placed in the market, why should attention be given to the system of payment for the labor, by those who feel that their interests have been unfavorably affected? Whether manufactured by contract or on public account would seem to be an immaterial inquiry to the injured tradesman. The goods are in the market, and in times of business depression there are few sales, and there is not a demand for free labor; hence, sensitiveness upon the subject; and it is not an unreasonable sensitiveness. Minds controlled by hungry stomachs are not inclined to investigation; and we should examine critically into complaints, and endeavor to dispel prejudices, or correct the causes of complaint, if causes exist. The claim is made that the prices which contractors pay for labor are so low that the goods they manufacture can be sold at prices below those charged for goods made by free labor. If that be true, there is just ground for unfavorable criticism, and larger prices should be obtained. But against that claim it is urged that

prison-made goods are usually inferior in quality, and that the quantity of production to each man employed is materially less than in outside factories; and that loss is sustained from the ignorance, lack of skill, or viciousness of the prisoners that, at best, the labor is but apprentice, and not expert; and apprentices require the same outlay for machinery, etc., as would the expert. It is for these reasons, principally, that of late years it has been difficult, when proposals have been solicited, to obtain bids for convict labor; and to-day hundreds of prisoners are idle, because contractors can not be found who will employ them. At a conference of prison wardens, recently held in this city, several such instances were stated. In one convict prison, in a state where there is no opposition to contract convict labor, and where the employed labor was bringing but fifty cents a day to each prisoner, a contractor was sought to employ men who were idle. Advertisements were published in several papers in two large cities, and at home, and other efforts were made; but no responses were obtained; and the prisoners remain unemployed. In this city, we have several times advertised, without responses being received. If capitalists could make more money by employing prison than free labor, bids would have been received, and contracts made. Capital is selfish and greedy. It cares for no other interests than its own; and it will only make investment where it has an advantage. Would it not have an advantage, if the question of *per diem* cost of labor were the only one to look at? In the letting of contracts, the highest offer wins. If no offers are made, then there are other reasons than that of the price per day to be paid for the labor.

Another reason of caution is the fact that, when times are dull, prisoners must be employed, and goods will accumulate as they can not be sold. With free labor, the employer sim-

ply locks his factory door, and the laboring man remains idle; and the accrued profits of a business are not sacrificed. Labor has stopped; and often the cause is erroneously attributed to contract convict labor. If it were really convict labor, it would not necessarily follow that the contract part is at fault. The employer of free labor does not see fit to hazard his capital when there is an overproduction of goods; and he requires that his employés remain idle; — but the contractor of prison labor must employ his men, and his goods accumulate on his hands, as few sales can be made. This does affect free labor interests, at times when men most need employment. But would it be different if no contract existed? Prisoners must be employed, under some system, thereby creating production; hence, it is the goods that are made, not the system by which made, to which objection might be taken. Or, if the labor was being utilized on public account, would the over-prudent warden so far forget all other interests as to lock up his prisoners, and not manufacture goods? That would be at a sacrifice of all other interests. Or, if the piece price plan were in vogue, would not the manufacturer who furnishes machinery and material, and who employs the labor at a piece price for its production, say to the warden that there is no sale, and cease furnishing stock for making goods for which there is not a market? My experience teaches me that he would. That means idleness — the most corrupting and expensive in its consequences of any condition of prison life.

I recognize in this reasoning that prison labor does, especially in hard times, somewhat affect free labor; for when an over supply of manufactured goods exists, any increase must be productive of delay in the re-employment of persons who are idle.

Now, should that ordinance pass, what other system should be adopted for the employment of our men? The piece price

system could not be successfully adopted, except in a small way. Parties would be disinclined to furnish machinery, etc., to manufacture goods, unless prices of labor were placed so low as to warrant the hazard they would take of being "cast out of prison," at each change of administration. None would be so foolish as to take those hazards. Besides, in a house manufacturing a large variety of work, the piece price plan is full of frictions, and its interference with discipline is greater than under the contract system. That system not adopted, it remains only to accept that of public account. It has its advantages, and there are places where it is not only safe, but it is the best of all others. In institutions for the reform and development of the young, the contract system is objectionable in the extreme; and the public account system is the only proper substitute for it. In such institutions, industries should be selected with a view to the education and development of the ward, regardless of pecuniary considerations; and no single industry should be followed. As the tastes and abilities and characteristics of inmates are diversified, the industries must also be diversified. As I said in a former report, "The weak in intellect will require work of almost automatic character; but the thoughtful, active brain of the more intelligent must have food in his industry for that brain, or it will run riot with all efforts at improvement." Such selection is not as necessary in a convict prison; but it is in all institutions where the young are confined; and it should be unlawful for the managers of any reformatory or refuge to let by contract the labor of any child in such institutions. But it does not follow that it is best to abandon that system in our congregate prisons for adults. Let their managers use that or any other methods of utilizing labor — restricting them only as far as to insure successful business results. Adults, when they leave

prisons, return to the avocations they followed prior to their imprisonments. They very seldom seek employment at industries they followed in prison. Their tastes, and the associations they obtain, prompt them to follow in the route of their earlier life; hence, trades taught in prisons are of little value to them. In reformatories for adults and prisons for solitary confinement—of which there are none in this state,—the public account system may have some advantages; as the labor interest in those institutions may be made a part of instruction.

In this institution, we have not found parties who would employ more than a small number of our prisoners under contract. Our first contractors failed at the end of their first season's business, at a loss of the entire capital invested. The second contractor employed but few men at *per diem* price, and many whose production was paid for by the piece. We received an average of about twenty-two cents per day for each prisoner employed. This contractor ultimately withdrew, as he could obtain more satisfactory results from the employment of child and adult free labor at his works in the city. The third contractor engaged to employ fifty prisoners, at thirty cents per day each—he having first selection of men. At the end of his contract he withdrew, rather than pay an advance of three cents per man per day. Would he have withdrawn, had his contract been an extremely profitable one? The fourth and present contractors are employing from one hundred and fifty to two hundred men, at thirty-five cents each per day, at the manufacture of woolen yarn and stockings. Yarn making was a new industry in the city; and their make of stockings do not come largely into competition with those made by other houses. Such yarn and stockings find market exclusively among laboring people; and if any special benefit is derived from the supposed low price paid

for labor, and the goods are sold for low prices for that reason, the benefit goes directly to that class of our people from whom complaints are made, and who should receive it. The goods contain neither cotton nor shoddy — they are made from coarse woolen yarn of the contractors' manufacture; and they find market from their superior wearing qualities, and not from the low prices at which they are placed in the market.

The industries of this institution are cane-seating chairs, brick making, and the manufacture of yarn and stockings. Boys make our chair seats, at piece price; the city vagrant bummer and tramp works on our brick-yard, on public account; and the skillful ex-convict and other members of the crime-class are employed in the woolen department, on contract, in shops where disciplinary methods can be followed. Cigar making, and other like work, has never been admitted; nor should it be tolerated as a prison industry anywhere. Prisoners are filthy in their persons and their habits. They are confined in cells containing night-soil buckets, or closets which are never clean; and the facilities for air and exercise and cleansing are not at all such as to warrant any man in putting a prison-made cigar to his lips; and their manufacture in prisons should be prevented by legislation, if necessary. And legislation might prohibit the employment of an unreasonably large number of men at any single industry in a prison — thus dividing the production so as not to materially injure the honest tradesmen of a state. And objection might be made against bringing prisoners into a state from remote places, as is done by the United States government. There are now more than one thousand such prisoners at work in some of our northern states who should have been retained at or near the places of conviction, if their labor unjustly affects free labor. Such subjects are legitimate matters for legislative inquiry.

In this prison, where the labor is so panoramic that it presents but a continued shifting scene of faces,—few staying scarcely long enough to learn the numbers of their own cells,—have we not established industries which are healthful, disciplinary, and reformative; and which do not have a materially unfavorable effect on free labor interests? If so, then our present methods should not be disturbed. If change is to be made, shall we adopt the public account system? What has been the results where it has been tried? In some of the smaller institutions, where large numbers of United States prisoners have been secured, and board fees have been received for the care of those or other inmates, it may have been successful. But that has not assisted free labor interests. The presence of United States prisoners has caused increased local production. How in this state? The public account system was tried four years and five months; and Warden McCLAUGHRY says of its history in the prison at Joliet, that "the institution had had appropriations to the amount of $694,000; was in debt $374,969.95; and fell short of being self-sustaining $544,699.22! An additional appropriation of $175,000 was granted to meet that indebtedness, the balance being paid by sales of surplus property," etc. Political management was at fault. There were no restrictions, as exist under the contract system. But if further illustration is needed, look at the history of state-prison management in New York state. Until the adoption of a constitutional amendment in 1876, placing the state prisons in the hands of a general superintendent, they had been under the exclusive control of an elective commission. To show how partisan that commission then, in the nature of things, was, I will narrate an incident which occurred at a convention of politicians convened at Albany to nominate a ticket for state officers, to be voted for by the people. On the evening previous to

the convention, the state committee—whose chairman was one of the most humanely inclined of men, but who had never given the subject of penology a moment's thought in his life—arranged the preliminaries for the coming day's work. In determining as to who should be nominated for the several offices, however, a slight omission was made, which remained unnoticed until too late for correction. On the following day, while the ring candidates were being nominated without a break in the programme, one of the committee rushed to the place where the venerable chairman of the committee was standing, and excitedly asked, "Who shall we have for Commissioner of State Prisons?—we forgot to select one last night!" To which instantaneous reply was given by the corpulent Dean, "The —ll we did!"—and with a shrug of his shoulders, and a look of surprise upon his face, as if an almost unpardonable sin had been committed, after a moment's thought he continued,—"Well,—we'll leave that to the convention!"

The systems of labor in that state were both contract and public account; and resulted in an aggregate deficiency amounting to $9,145,717.56; of which $725,080.64 accrued in the single year 1876. Since those prisons were taken out of the political maelstrom, the labor has been let by contract, and they have been nearly self-supporting.

The state prisons in New York, New Hampshire, Connecticut, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, and some other states, under the contract system of employing labor, were nominally self-sustaining from the labor of their inmates. Adverse legislation, in 1884, in New York and Ohio, has already thrown out of employment a large number of prisoners; and the wardens of Sing Sing prison, N. Y., and the Ohio penitentiary say that, unless the legislatures of their respective states make large appropri-

ations, nearly all of their prisoners will be unemployed. In those two states, the contract system has been abolished. The wardens of those prisons, and Illinois, Missouri, *et al.*, estimate that $1,000 per prisoner will be required from the state as an investment, where the public account system is adopted. I think their estimate too high; but only men of long and successful business experience are competent to criticise it. Not that good financial results may not be obtained, in this institution, under the public account system; but were the amount of capital required not exceeding one-half that claimed, will the city council feel warranted in making the necessary appropriations to enable success possible? And if it does, with the appointment of a large corps of employés, and the patronage incidental to a large manufacturing business, how long would it be before the institution, and all its interests, would be under the control of politicians only?

Communistic, socialistic, and trades interests are not best subserved through the idleness of any class of our people; nor are such interests in sympathy with large expenditures of public moneys for the support of the vicious and criminal classes. If some overzealous advocates attribute effects to methods foreign to real causes, then the remedy is to show to them and to others frankly and honestly their errors. Such course only is the one I have endeavored to take upon the subject of prison labor.

ADDENDUM.

The following facts and tables have been taken from matter furnished me by Mr. J. S. PERRY, Albany, N. Y., since my views upon the subject of convict labor were written. He has prepared very useful statistical information, which will be given to the public at an early day.

The population of the United States, January 1, 1884, as based upon census of 1880, is estimated at 55,218,861. The number of prisoners confined in 56 state prisons and penitentiaries, January 1, 1884, was 33,969. In 42 of the above prisons and penitentiaries, containing 25,040 prisoners, the industrial habits of their inmates previous to arrest, were as follows: 6,316, or 25.2 per cent., had trades; 17,267, or 68.9 per cent., had other honorable employment; 1,457, or 5.9 per cent., had no occupation.

In November, 1884, there were 47 state prisons and penitentiaries, and 1 state reformatory, in the United States, containing 30,025 men and 649 women, — total, 30,674, — in and outside of which productive labor was being performed. There were, also, 64 minor penal and correctional institutions in which productive labor was more or less performed, in a somewhat desultory manner, by tramps, drunkards, petty thieves, *et al.;* which institutions include 33 jails, containing 3,428 men, 433 women, 33 boys, and 1 girl; 9 county penitentiaries, containing 3,655 men and 690 women; 10 houses of correction, containing 2,580 men, 582 women, 765 boys, and 77 girls; 10 houses of refuge, containing 845 men, 239 women, 2,457 boys, and 503 girls; and 2 houses of industry, containing 701 men, 334 women, 215 boys, and 11 girls; — or 11,209 men, 2,278 women, 3,470 boys, and 592 girls — a total of 17,549 inmates. There were also 25 reformatory institutions, containing 5,333 inmates, in which some labor of productive character was performed by children, in connection with farming and schooling; viz., 14 reform schools, containing 69 women, 3,050 boys, and 146 girls; 8 industrial schools, containing 883 boys and 425 girls; 3 houses of reformation, containing 293 women, 453 boys, and 14 girls, — an aggregate of 362 women, 4,386 boys, and 585 girls. The above shows an aggregate of 137 such institutions, containing 53,556 inmates, of which 41,234 were men, 3,289 were women, 7,856 were boys, and 1,177 were girls. Those institutions in which no productive labor is performed are not included.

By a table herewith presented, it would appear that, out of the total number of prisoners, there are but 14,922 convicts and 11,296 inmates of jails and other minor institutions employed at mechanical and manufacturing industries. The number of citizens employed at the same industries was 932,581.

TABLE SHOWING THE MECHANICAL AND OTHER MANUFACTURING INDUSTRIES pursued in prisons in the United States; the number of persons other than children, and the number of convicts employed at such industries respectively, and the percentages of such convicts to such persons. Also, the number of prisoners, including children, and the number of inmates of county jails and other prisons and reformatories, omitting convict prisons, employed at the same industries, and the relative percentages of same. Also, the total number of inmates of prisons and reformatories so employed, and percentages to the whole number of persons also so employed.

ARTICLES MANUFACTURED.	NUMBERS EMPLOYED, OMITTING CHILDREN.			NUMBERS EMPLOYED, INCLUDING CHILDREN.				
	*Free Labor.**	*Convicts.*	*Percentage.*	*Free Labor.**	*Inmates of Reformatories & Prisons, other than Convict.*	*Percentage.*	*Total numbers of Convicts and Inmates of Jails, Reformatories, etc., Employed.*	*Percentage.*
Agricultural impleme'ts,	38,386	284	.007	39,580	..		284	.007
Bolts and rivets,	4,446	123	.028	5,064	44	.008	167	.033
Boots and shoes,	130,386	4,046	.031	134,256	2,112	.016	6,158	.046
Boxes,	16,046	20	.001	17,400	35	.002	55	.030
Brickmak'g, stone quarrying, etc.,	59,300	479	.008	66,355	497	.007	976	.015
Brooms and brushes,	7,513	246	.032	8,773	1,645	.187	1,891	.215
Buttons,	5,180	29	.005	5,825	..	..	29	.005
Carpeting,	19,263	..	..	21,023	304	.014	304	.014
Chairs,	9,133	740	.081	10,575	2,413	.228	3,153	.298
Cigars and tobacco,	49,207	399	.008	53,297	260	.005	659	.012
Clothing,	158,249	520	.003	160,813	771	.004	1,291	.008
Cooperage,	24,477	511	.021	25,073	310	.012	821	.031
Foundry and machinery,	106,734	128	.001	110,351	29	..	157	.001
Furniture,	46,103	495	.011	48,729	451	.009	946	.019
Hardware,	15,695	215	.014	17,201	..	..	215	.012
Harness and saddlery,	20,585	482	.023	21,446	532	.025	1,014	.047
Hats,	21,352	326	.015	22,671	..	..	326	.014
Hemp and jute,	3,653	392	.107	4,306	..	..	392	.091
Hosiery and knitting,	25,224	525	.021	28,885	1,442	.049	1,967	.068
Lime burning,	4,456	218	.049	4,570	..	..	218	.047
Marble work,	21,135	278	.013	21,471	42	.002	320	.015
Printing,	52,639	..	..	58,478	36	..	36	..
Railway cars,	13,898	180	.013	14,232	..	..	180	.012
Saddlery hardware,	2,488	536	.215	2,815	..	.	536	.19
Shirts and collars,	25,064	103	.004	25,687	303	.012	406	.016
Stoves and hollow ware,	34,400	1,576	.046	35,000	..	..	1,576	.045
Tanning,	22,475	87	.004	23,812	60	.002	147	.006
Tools,	12,909	248	.019	13,679	..	..	248	.018
Trunks and valises,	4,959	25	.006	4,534	..	..	25	.005
Wagons and carriages,	45,125	1,458	.032	46,704	..	..	1,458	.031
Whips,	1,008	130	.129	1,056	..	..	130	.123
Wire work,	3,895	123	.031	4,459	10	.002	133	.03
Total,	1,004,483	..	..	1,059,020	..	..	26,218	.025
Deduct,	71,902†		..	212,173†	..	..	..	..
	932,581	14,922	.016	846,847	11,296	.013	26,218	.025

* Compiled from census tables of 1880.

† The deduction of 71,902 from the first column was for the items carpeting and printing,—neither of which industries was pursued in convict prisons.

TABLE SHOWING THE SYSTEM OF PRISON LABOR IN EACH STATE.

STATES.	*No. of Prisons.*	*Employed on Contract System.*	*Employed on Public Account System.*	*Employed on Piece Price System.*	*Employed on Lease System.*	*Employed at Prison Duties.*	*Idle and at School.*	*No. of Invalids.*	*Total Number.*
Maine,	6	.	226	27	22	143	31	20	469
New Hampshire,	2	101	..	60	..	50	..	6	217
Vermont,	3	105	..	50	..	62	..	10	227
Massachusetts,	22	854	1,059	288	5	1,347	688	262	4,503
Rhode Island,	3	28	77	120	..	228	3	7	463
Connecticut,	11	205	285	62	418	414	138	50	1,572
New York,	12	5,311	25	172	..	1,420	452	234	7,614
New Jersey,	6	400	280	218	..	440	188	121	1,547
Pennsylvania,	15	576	2,286	562	..	1,286	619	112	5,441
Maryland,	6	949	151	40	..	435	607	36	2,218
Virginia,	1	539	..	..	268	168	..	8	983
West Virginia,	1	202	..	..	..	33	..	4	239
Tennessee,	1	..	..	..	1,204	25	..	23	1,342
Kentucky,	2		..	120	901	152	6	103	1,282
North Carolina,	1	..	99	..	792	64		58	1,013
South Carolina,	1	294	..	..	560	20	..	22	896
Georgia,	1	..	..	..	1,193	32	..	30	1,255
Alabama,	1	..	..	..	620	24	..	10	654
Florida.	1	..	..	..	208	..		..	208
Louisiana,	1	..	..	..	711	20	..	.	731
Mississippi,	1	..	..	..	752	19	..	..	771
Arkansas,	1		..	..	554	13	..	10	577
Texas,	1	126		..	1,741	400	..	43	2,310
Michigan,	4	660	443	344	..	411	33	16	1,907
Ohio,	4	1,037	379	250	..	531	96	6	2,299
Indiana,	4	1,014	152	..	..	468	25	25	1,684
Illinois,	4	1,759	403	..	..	565	128	85	2,940
Wisconsin,	4	274	401	..	..	344	69	32	1,120
Iowa,	2	300	154	..	..	100	6	8	568
Missouri,	3	1,113	..	44	..	723	70	67	2,017
Minnesota,	2	200	71	..	..	125	..	17	413
Kansas,	1	375	170	..	..	150	..	5	700
Nebraska,	1	..	..	..	199	38	..	..	237
Colorado,	1	..	218	..	..	78	21	21	338
Nevada,	1	..	71	..	..	44	..	..	115
Arizona,	1	..	..	..	..	20	76	10	106
Montana,	1	..	..	..	..	60	30	..	90
California,	2	..	520	..	..	400	550	26	1,496
Oregon,	1	114	..	..	..	77	3	10	204
Washington Ter.,	1	42		..	..	14	..	12	68
Total,	137	16,578	7,470	2,357	10,238	10,943	3,839	1,509	52,934
New York—Manufacturing for Department of Charities and Correction,	..	..	..	..	.	..	..	..	622
Total,	..	..	..	..	..	..	..	..	53,556
OCCUPATIONS BY GEOGRAPHICAL DIVISION.									
New Eng. States,	47	1,293	1,647	607	445	2,244	860	355	7,451
Middle States,	33	6,287	2,591	952	..	3,146	1,259	467	14,702
Southern States,	20	2,110	250	160	9,594	1,405	613	347	14,479.
Western States,	37	6,888	2,982	638	199	4,148	1,107	340	16,302
Total,	137	16,578	7,470	2,357	10,238	10,943	3,839	1,509	52,934

The average earnings as reported, are, on contract, 47.3 cents per day; on public account, 32.9 cents per day; and on piece price plan, 23.6 cents per day, each prisoner.

LABOR NOT SPECIALLY MENTIONED IN THE CENSUS REPORTS.

INDUSTRIES AT WHICH EMPLOYED.	NUMBERS EMPLOYED.		
	Convicts.	*Inmates of Reformatories, and Prisons other than Convict.*	*Total number of Prisoners Employed.*
Breaking stone for roads,	..	85	85
Laundrying,	210	170	380
Molding and gilding,	70	..	70
Railways, and other roads, and mining,	9,097	150	9,247
Public charities and correction,	..	622	622
Sundry occupations,	151	492	643
Prison duties,	4,358	6,585	10,943
Sick and decrepid,	836	673	1,509
Idle,	1,030	2,809	3,839
	15,752	11,586	27,338

The percentage of convicts confined in the state's prisons in the United States who are employed in mechanical labor, to the citizens employed at corresponding industries, is estimated at one and six-tenths per cent. From the testimony of experts, the daily average production of convicts at any mechanical employment is not to exceed eight-tenths of one per cent. to that of free labor. The inmates of jails, houses of correction, reformatories, etc., are largely composed of tramps, drunkards, and children; hence, their labor is of much less value than convict labor; and the average production of all prisoners employed would not exceed six-tenths of one per cent.

PRISON ENLARGEMENT.

It seems almost useless to again call the attention of the city council to the necessity for increased prison room at this institution, as has been done annually for several years past; but remembering the fable of the last straw having broken the back of the camel, it may be well to again remind that body of our necessities, and of its previous neglect, hoping that action may follow.

If there is a school for teaching vice and crime it is in the ordinary county jail, in which prisoners are herded in cells, and are allowed to congregate in the halls, without the least discrimination being made as to cause of detention, habits of life, physical condition, or previous moral character. This

fact as to jails comes from what would be called "heredity," if applied to the peculiarities in human character; but as touching jail construction and management, it would be as a resultant of "common habit." From the earliest days down to the present time, jails have been constructed without a seeming thought being given to any other end than that of safety from escape of their inmates; and in their management, with few exceptions, there seems to have been but one additional thought, and that was, "How can the most money be made through the care of their inmates?"

Now that is about the status of the jail question to-day. That our jails are nurseries of vice and crime is a recognized fact,—one which jail officials seldom, if ever, deny; and in writing thus of them, it is not the intention to point toward any one in particular of the more than twenty-five hundred in this country; nor to exclude but few as being different from the others. That eminent authority upon prison and reformatory work, Rev. FRED. H. WINES, lately said of the jail system, that, "it is a system of the association of the clean with the unclean; of the old and the young; of the innocent and the guilty; and in some jails, of men and women, because men and women are not separated in some jails. In a jail in this state, I have known men and women to have the liberty of the entire jail, without any interference on the part of the jailers. I suppose they were locked up at night; but they were together all the day. Then again, the jail is a place of absolute idleness. No work is provided for the inmates. In the third place, it is a system in which the state ignores its own responsibility, and throws the men for whom it is responsible into the hands of incompetent county boards. If there is an iniquity in this land to-day, it is the county jail system. I do not know of any greater iniquity perpetrated to-day in the world, than the jail system of the United States.

It originated in the primitive days of society; and there is no reason for its continuance, except that the people have not awakened to its enormity. There is no reason for it in law, morals, or public policy; there is no reason for it, unless, as I have heard suggested, it is kept up, as it is in some cases, I suppose, by the sheriffs, who receive fees for looking after the prisoners, and get an allowance for dieting them, and they are not willing to give up their perquisites. * * * I believe that every one who is charged with crime, and who may be innocent,—every one who is arrested by authority of the law,—ought to be put in a solitary cell, and kept there, and not be allowed to see another face while he is there."

Now, the object of this prelude is to show the effects of herding prisoners, and allowing them to congregate together while in idleness; and to apply the lessons thus taught to our own condition—our own institution. In jails, prisoners are boarded at a given price per day each—the sheriff receiving whatever profit there is;—and it is this profit that makes the office so attractive to the average politician that he invests much money to secure an election. And inmates are allowed privileges of association with each other, and almost promiscuous visitation from friends not in prison. These objections do not occur with us, as no officer receives any other compensation than a salary for his services; and he is not permitted to receive presents or pay, from any source, for any favor or work extended to or for any prisoner. The least infraction of that rule would cost the offender his official position. And that should be the rule in all prisons. Whatever favors or errands should be granted, should be done at public expense. The prisoner is in the custody of the people, and to exact, or to accept, from him any consideration for favors is wrong;—and it is this money influence—the greed

for it — that often interferes with the interests of the people in the conviction of criminals, and in their reform after conviction. But there is one feature which is common to ourselves and the jail in this county. We are generally in an overcrowded condition, and separate imprisonment in cells is impossible. Men can not do to each other much injury while at work, with guards constantly watching them to prevent communicating with each other; but while in their cells there can be no restraint upon their actions; and it is for this reason, and also for sanitary reasons, that the city council should construct more prison room.

Now, what should be done, and what it is economy to do, is to construct a structure for our juvenile male delinquents; and another structure for our female prisoners, with proper arrangement for the separate detention of those of tender age. We have not too much room now for our adult male inmates; and this prison is well fitted for their separate care. This should not be longer delayed; and as the city is receiving a large income from license fees, at present, no better use could be made for a part of the receipts, than their use in the construction of buildings now needed for the care of city prisoners. We have an abundance of room on our grounds; we manufacture a share of the material needed; and have a surplus of unemployed labor with which to assist skilled workmen in construction. It is to the interest of the people that criminals should be punished, and every movement against that end should be rebuked. If bad men do not — will not — reform,— or rather will not desist from criminal practices,— then they should be treated as madmen are treated, or receive for their crimes the longest terms of imprisonment known to the law; but they should never be housed as are cattle. But institutions of this kind are intended for the care of those guilty of minor offenses, and but a small portion are com-

mitted for crime. Would it not be economy for the city to give to its officers in this department all reasonable facilities for the separate care of its inmates, that they may be deterred from forming acquaintance with each other,—which acquaintance, once formed, is but the stepping stone to more vicious, and often criminal, life?

Under our present city system, with a head to each department, and not a divided responsibility, it is a very easy matter to control all expenditures of public moneys; but in no line of public work, the country over, has there been so much scandal as in that of the construction of public buildings. Would it not be well for the legislature to require that full plans and specifications, in detail, for any public structure of importance, should be made matter of record, or at least placed on file, in the recorder's office of the county in which such structure is to be made, before any contract is let; and that no modifications be made, or extra work done, prior to such modifications or changes of plans being also made matter of record? A little extra clerical work would give to the contractor his working plans and specifications. Had such a law existed at the time this prison was constructed, the responsibility might be fixed upon some one for the defects which exist from faulty designs or from imperfect construction. But such a course is not now necessary, as your board would not approve plans which are faulty, nor would the commissioner of public works, who would have charge of the construction of our buildings, accept imperfect work. If the city council will make an appropriation, the city shall have prison structures adapted to modern methods for reformative efforts.

STATEMENT OF PRISONERS.

Received and Discharged.	*Males.*	*Females.*	*Total.*
In prison December 31, 1883,	719	145	864
Received January 1, 1884, to December, 31, 1884, inclusive,	5,530	1,469	6,999
Total during the year,	6,249	1,614	7,863
Discharged January 1, 1884, to December 31, 1884, inclusive,	5,693	1,527	7,220
In prison December 31, 1884,	556	87	643
Total,	6,249	1,614	7,863

OFFENSES FOR WHICH CONVICTED.

Violation of city ordinances :		
Breach of the peace,	5,629	
Drunk,	1	
Vagrancy,	475	
Keeping, or inmate of, disorderly or gambling houses,	84	
Other miscellaneous ordinances,	343	
		6,532
Violation of town and village ordinances,		345
Assault,	2	
False pretenses,	3	
Attempted robbery,	1	
Adultery,	1	
Burglary,	17	
Larceny,	71	
Robbery,	4	
Assault with intent to kill,	8	
Assault with intent to rob,	1	
Conspiracy,	2	
Forgery,	1	
Refusing admission to election challenger,	1	
Counterfeiting,	1	
Making counterfeit silver coin,	2	
Passing counterfeit silver coin,	1	
Vagabondage,	4	
Embezzlement,	1	
Practising medicine without license,	1	
		122
		6,999

Fines and Terms of Sentence.

Executions.	*Prisoners.*
$ 2.50 each,	97
3.50 each,	142
4.00 each,	58
4.50 each,	370
5.00 each,	71
5.35,	1
5.50 each,	11
5.70 each,	3
6.00 each,	151
6.50 each,	1,244
7.00,	1
7.50 each,	8
7.70 each,	55
8.00 each,	211
8.50 each,	66
9.50 each,	3
10.00,	1
11.50 each,	1,312
12.00,	1
12.50 each,	14
12.70 each,	57
13.00 each,	154
13.50 each,	91
14.00 each,	6
14.50 each,	2
15.00,	1
16.50 each,	457
17.05 each,	2
17.50 each,	4
17.70 each,	6
18.00 each,	25
18.50 each,	52
19.50,	1
20.40,	1
21.50 each,	206
22.50,	1
23.00 each,	31
23.50 each,	2
24.60 each,	3
25.00,	1
26.50 each,	608
27.50 each,	18
27.70 each,	12
28.00 each,	64
28.50 each,	64

Executions.	*Prisoners.*
$ 29.00 each,	5
30.00,	1
31.50 each,	49
33.00 each,	12
33.50 each,	16
34.00 each,	2
36.50,	1
37.50,	1
38.00,	1
38.50,	1
41.50,	1
51.50 each,	431
51.70,	1
52.50 each,	4
53.00 each,	38
53.50 each,	52
53.75 each,	2
54.00 each,	6
61.50,	1
76.50 each,	144
78.00 each,	6
78.50 each,	11
81.50 each,	2
86.50 each,	71
88.00 each,	13
88.50 each,	9
89.00 each,	2
91.50 each,	2
101.50 each,	288
102.50,	1
102.70 each,	4
103.00 each,	13
104.00,	1
105.50,	1
50.00 fine, and $13.62 costs,	1
50.00 fine, and $19.80 costs,	1
150.00 fine, and $27.05 costs,	1
350.00 fine, and $106.30 costs,	1
10 days,	1
30 days, and $1.00 fine and costs,	1
40 days,	1
60 days, each,	5
73 days,	1
90 days,	1
103 days, each,	2

Executions.	*Prisoners.*
2 months,	1
3 months, each,	11
4 months, each,	10
5 months,	1
6 months, each,	24
7 months,	1
8 months,	1
9 months,	5
10 months, each,	2
10 months, and $50.00 fine,	1
14 months,	1
15 months,	1
18 months, each,	4
1 year, each,	32
6 months, and $1.00 fine and costs, each,	3
6 months, and $535.25 fine and costs,	1
1 year, and $884.20 fine and costs,	1
1 year, and $50.00 fine and $25.00 costs,	1
	6,999

From What Source Received.

Police Justices' Courts, Chicago,	6,532
Criminal Court, Cook County,	112
United States District Court,	4
Town of Lake, Cook County,	160
Town of Cicero, Cook County,	5
Town of Lake View, Cook County,	27
Village of Hyde Park, Cook County,	139
Village of Evanston, Cook County,	13
Village of Lemont, Cook County,	1
Justices of the Peace, Cook County,	5
Recaptured,	1
	6,999

Ages of Prisoners.

9 years old, each,	5
10 years old, each,	10
11 years old, each,	15
12 years old, each,	44
13 years old, each,	65
14 years old, each,	117
15 years old, each,	107
16 years old, each,	177
17 years old, each,	229
18 years old, each,	314
19 years old, each,	280
20 years old, each,	259
21 years old, each,	328
22 to 25 years, each, inclusive,	1,117
26 to 30 years, each, inclusive,	1,096
31 to 35 years, each, inclusive,	838
36 to 40 years, each, inclusive,	806
41 to 50 years, each, inclusive,	764
51 to 60 years, each, inclusive,	310
61 to 70 years, each, inclusive,	102
71 to 80 years, each, inclusive,	14
81 to 90 years, each, inclusive,	2
	6,999

How Many Times Imprisoned.

Claim to be on first commitment,	3,729
Admitted to have been previously imprisoned,	3,270
	6,999

How Released.

Paid fine to City Comptroller,	307
Paid fine at House of Correction,	732
Released by Mayor of city,	780
Pardoned by Governor of state,	1
Supersedeas,	82
Habeas corpus,	3
Escaped,	7
Death,*	14
Town authorities,	47
Expiration of sentence,	5,247
	7,220

Social Relations.

Claim to be married,	1,575
Claim to be single,	5,424
	6,999
Have children,	1,399
Have father and mother living,	2,344
Have father only living,	394
Have mother only living,	1,045
Without parents living,	3,216
	6,999

*Maurice Fritz, admitted October 16, 1883, under execution No. 7957 W. D., fine $86.50 for disorderly conduct; died January 4, 1834, of epileptic convulsions; aged 30 years.

Harry Seaton, admitted February 4, 1884, under execution No. 880 S. D., fine $51.50 for vagrancy; died February 8, 1884, of alcoholism; aged 49 years.

James McMillan, admitted February 4, 1884, under execution No. 882 S. D., fine $86.50 for disorderly conduct; died February 21, 1884, of pulmonary tuberculosis; aged 30 years.

Julia Semler, admitted May 12, 1884, under execution No. 19,506 S. W., fine $6.50 for disorderly conduct; died May 16, 1884, of delirium tremens; aged 40 years.

John Smith, alias Farrell, admitted June 4, 1884, under execution No. 4855 S. D., fine $26.50 for disorderly conduct; died June 8, 1884, of delirium tremens; aged 29 years.

Matt Hynes, admitted June 13, 1884, under execution from C. W. Woodman, Esq., J.P., fine $28.50 for disorderly conduct; died June 18, 1884, of alcoholism; aged 38 years.

Patrick Kelly, admitted June 17, 1884, under execution No. 5,467 S. D., fine $26.50 for disorderly conduct; died June 25, 1884, of alcoholism; aged 30 years.

Patrick Hayden, admitted June 21, 1884, under execution from C. W. Woodman, Esq., J.P., fine $5.00 for disorderly conduct; died June 27, 1884, of alcoholism; aged 50 years.

George Palmer, admitted July 10, 1884, under execution No. 5,315 S. D., fine $76.50 for disorderly conduct; died July 11, 1884, of valvular heart disease; aged 29 years.

Mary Ann Scott, admitted September 18, 1884, under execution No. 8,110 W. D., fine $11.50 for disorderly conduct; died September 19, 1884, of valvular heart disease and asthma; aged 49 years.

Jacob Butler, (colored,) admitted February 8, 1884, under execution from criminal court of Cook county, No. 15,234, sentence of one year for assault with intent to kill; died October 16, 1884, of pulmonary tuberculosis; aged 23 years.

Williams Higgins, admitted October 24, 1884, under execution No. 8,966 W. D., fine $5.00 for disorderly conduct; died November 1, 1884, of alcoholism; aged 39 years.

M. J. Watson, admitted May 5, 1884, under execution from the criminal court of Cook county, No. 16,032, sentence of nine months for larceny, etc.; died December 11, 1884, of nervous prostration; aged 22 years.

Annie Kennedy, admitted September 23, 1884, under execution from C. W. Woodman, Esq., J.P., fine $8.50 for disorderly conduct; died October 5, 1834, of paralysis and epilepsy; aged 30 years.

COLOR.

Whites,	6,539
Blacks,	460
	6,999

STATEMENT OF RATIONS.

January,	24,681	August,	21,437
February,	22,376	September,	21,936
March,	23,311	October,	21,408
April,	20,108	November,	16,270
May,	20,971	December,	19,758
June,	20,020		253,060
July,	20,784		

Daily average, $691\frac{4}{10}$ prisoners. Average imprisonment, $32\frac{1}{5}$ days.

NATIVITY.

OF PRISONERS.		OF PARENTS OF PRISONERS.	
United States,	3,938	United States,	1,698
Canada,	308	Canada,	188
New Brunswick,	8	New Brunswick,	5
Nova Scotia,	1	Nova Scotia,	1
West Indies,	1	West Indies,	1
Ireland,	1,250	Ireland,	3,189
England,	320	England,	367
Scotland,	145	Scotland,	204
Wales,	9	Wales,	10
Norway,	87	Norway,	93
Sweden,	130	Sweden,	143
Denmark,	37	Denmark,	40
Russia,	2	Russia,	3
Germany,	626	Germany,	903
Holland,	7	Holland,	9
Poland,	45	Poland,	47
Hungary,	2	Hungary,	2
Switzerland,	11	Switzerland,	12
Belgium,	4	Belgium,	3
Austria,	18	Austria,	14
France,	20	France,	32
Spain,	3	Spain,	5
Italy,	22	Italy,	26
East Indies,	1		
Greece,	1	Greece,	1
Servia,	2	Servia,	2
Mexico,	1	Mexico,	1
	6,999		6,999

NATIVITIES OF PRISONERS UNDER 21 YEARS OF AGE RECEIVED DURING THE YEAR 1884, AND NATIVITIES OF THEIR PARENTS.

PRISONERS. MALES.	7, 8, 9 and 10 Years old.	11 Years old.	12 Years old.	13 Years old.	14 Years old.	15 Years old.	16 Years old.	17 Years old.	18 Years old.	19 Years old.	20 Years old.	Totals.
United States,*	15	13	32	54	95	77	142	175	215	184	169	1171
Canada,	..	..	..	1	3	1	4	10	7	16	10	52
England,	..	..	2	..	3	3	..	4	4	12	4	32
Scotland,	..	..	..	..	1	1	1	1	..	..	..	5
Ireland,	..	1	1	1	6	4	4	3	12	7	7	46
France,	..	..	1	..	..	..	..	..	..	..	..	1
Austria,	..	..	..	1	..	2	1	1	2	2	2	11
Italy,	..	..	..	..	..	1	..	..	1	2	1	5
Germany,	..	..	4	6	4	12	14	20	27	18	29	134
Holland,	..	..	..	..	..	..	..	..	1	1	..	2
Norway,	..	..	..	..	1	1	..	3	2	..	2	9
Sweden,	..	1	..	..	..	3	..	2	4	..	3	13
Denmark,	..	..	..	..	..	..	..	..	3	1	3	7
Hungary,	..	..	..	..	..	..	..	1	..	..	..	1
Switzerland,	..	..	..	..	..	..	..	..	..	1	1	2
Poland,	..	1	3	..	..	..	5	3	4	1	2	19
Totals,	15	15	44	63	113	105	171	223	283	245	233	1,510
FEMALES.												
United States,*	..	..	..	2	2	1	4	6	26	32	20	93
Canada,	..	..	..	..	..	..	..	..	1	1	..	2
England,	..	..	..	..	..	..	..	..	..	..	..	..
Scotland,	..	..	..	..	..	..	..	..	..	..	1	1
Ireland,	..	..	..	..	..	..	1	..	1	..	3	5
Germany,	..	..	..	..	1	..	..	..	1	1	1	4
Denmark,	..	..	..	..	..	..	..	..	1	..	1	2
Norway,	..	..	..	..	1	..	..	..	..	..	..	1
Sweden,	..	..	..	..	..	..	..	..	1	1	..	2
Poland,	..	..	..	..	..	1	..	..	..	..	..	2
Totals,	..	..	..	2	4	2	6	6	31	35	26	112

PARENTS OF MALE PRISONERS.	7, 8, 9 and 10 Years old.	11 Years old.	12 Years old.	13 Years old.	14 Years old.	15 Years old.	16 Years old.	17 Years old.	18 Years old.	19 Years old.	20 Years old.	Totals.
United States,*	5	8	15	31	45	38	60	65	93	84	63	507
Canada,	1	..	..	2	3	2	8	13	9	11	10	59
England,	..	..	2	..	4	3	..	5	6	11	5	36
Scotland,	..	..	..	..	1	1	1	2	1	2	3	11
Ireland,	9	4	13	14	43	37	67	81	108	95	88	559
France,	..	..	2	1	..	..	..	1	..	..	..	4
Austria,	..	..	1	1	1	3	1	2	3	2	2	15
Italy,	..	..	..	..	..	1	..	..	1	2	1	5
Germany,	..	2	7	11	15	12	29	38	49	32	49	244
Holland,	..	..	..	..	..	..	..	..	..	1	1	2
Norway,	..	..	..	1	2	2	..	7	3	1	3	19
Sweden,	..	..	1	2	..	4	..	2	5	..	4	18
Denmark,	..	..	..	..	..	..	..	..	..	3	1	6
Hungary,	..	..	..	..	..	..	..	1	..	..	1	2
Switzerland,	..	..	..	..	..	..	..	..	..	1	1	2
Poland,	..	1	3	..	..	2	5	3	4	1	2	21
Totals,	15	15	44	63	113	105	171	220	285	245	234	1,510
FEMALES.												
United States,*	..	..	..	1	1	..	1	4	15	19	12	53
Canada,	..	..	..	1	..	..	..	..	1	..	1	3
England,	..	..	..	..	..	..	..	2	..	..	1	3
Scotland,	..	..	..	..	..	..	..	..	..	..	1	1
Ireland,	..	..	..	..	1	1	3	1	11	14	8	39
Germany,	..	..	..	..	1	..	1	..	1	1	2	6
Denmark,	..	..	..	..	..	..	..	..	1	..	1	2
Norway,	..	..	..	..	..	1	..	..	..	..	..	1
Sweden,	..	..	..	..	..	..	..	1	..	1	..	2
Poland,	..	..	..	..	..	..	..	..	..	..	..	2
Totals,	..	..	..	2	4	2	6	7	30	35	26	112

* Of the Male Prisoners and Parents of Male Prisoners who were born in the United States 157 of each were blacks, making 1,014 native white prisoners, only 350 of whom were of parents born in the United States. Of the Female Prisoners and Parents of Female Prisoners who were born in the United States, 18 of each were blacks, making 75 native white prisoners, only 35 of whom were of parents born in the United States.

OCCUPATION OF MALES.

Actors,	2	Dyers,	2
Agents,	2	Engineers,	30
Apprentices,	41	Errand boys,	10
Architect,	1	Farmers,	58
Auctioneers,	3	Finishers,	46
Artists,	2	Firemen,	57
Bakers,	65	Furriers,	2
Barbers,	83	Gardeners,	13
Bartenders,	46	Gas fitters,	7
Basket maker,	1	Gilders,	3
Bell boys,	6	Grocers,	3
Blacksmiths,	51	Harness makers,	20
Boatmen,	2	Hatters,	3
Boiler makers,	31	Hostlers,	170
Book-binders,	11	Janitors,	5
Boot-blacks,	105	Jewelers,	6
Brass finishers,	6	Junk dealers,	3
Brewers,	5	Laborers,	1,526
Brick-layers,	37	Lathers,	19
Brick-makers,	2	Lawyers,	2
Brush makers,	2	Lithographers,	2
Butchers,	109	Locksmiths,	3
Broom makers,	6	Lumbermen,	2
Box makers,	12	Machinists,	61
Cabinet makers,	3	Marble workers,	3
Calkers,	3	Masons,	12
Canvassers,	5	Millers,	5
Carpenters,	155	Miners,	7
Carriage maker,	1	Molders,	82
Carvers,	2	Musicians,	15
Carriage painters,	2	Mattress makers,	7
Chair makers,	10	Nail makers,	2
Chair caners,	99	News agents,	3
Cigar makers,	41	Newsboys,	40
Clerks,	182	Operators,	6
Coachmen,	10	Packing houses,	125
Conductors,	2	Painters and glaziers,	190
Confectioners,	18	Paper hangers,	7
Cooks,	99	Peddlers,	29
Coopers,	27	Photographers,	5
Curriers,	9	Physicians,	4
Drivers,	4	Planing mills,	3
Drovers,	3	Plasterers,	22
Druggists,	8	Plumbers,	23
Draughtsmen,	4	Porters,	59

OCCUPATION OF MALES—*Continued.*

Printers,	67	Stone cutters,	16
Puddlers,	7	Saw filers,	4
Press feeders,	6	Soap maker,	1
Pickpocket,	1	Tailors,	68
Polishers,	3	Tanners,	8
R. R. employés,	101	Teachers,	4
Rolling mills,	11	Teamsters,	348
Roofers,	8	Tinsmiths,	54
Sailors,	175	Tobacconists,	3
Sail makers,	5	Trunk makers,	5
Salesmen,	22	Turners,	7
Saloon keepers,	15	Upholsterers,	11
School boys,	32	Wire workers,	4
Shoe makers,	75	Watchmen,	13
Showmen,	2	Wagon makers,	2
Silver platers,	8	Waiters,	126
Steam fitters,	18	Weavers,	6
Stevedore,	1	Whitewashers,	20
Steward,	1	No occupation,	252
			5,530

OCCUPATION OF FEMALES.

Book-binder,	1	Seamstresses,	45
Cooks,	66	Servants,	538
Dressmakers,	19	Janitrix,	1
Housekeepers,	5	Box maker,	1
Launders,	69	Tobacco strippers,	3
Milliners,	2	Teacher,	1
Nurses,	3	Waitresses,	10
Peddler,	1	Wash women,	172
Prostitutes,	485	No occupation,	46
School girl,	1		1,469

EDUCATION.

Claim that they can read and write,	6,156
Claim they can read only,	139
Can not read or write,	704
	6,999

HOW EMPLOYED.

	Days.
Manufacture of stockings, Amazon Hosiery Co., males,	63,405½
Cane-seating, males,	19,829
Brick-yard and delivering bricks, males,	15,717
Construction of new shop, males,	1,202
Laying water pipes, Twenty-sixth street, males,	1,513
Improvements and repairs, males,	2,902
Cultivating grounds, males,	3,855
Improvement of grounds, males,	575
Engineer's department, blacksmith work, etc., males,	1,678
Yard and barn, males,	2,997
Tailor and shoe shop, males,	2,984
Harvesting ice, hauling coal and other supplies, males,	731
Manufacture of stockings, Amazon Hosiery Co., females,	1,853
Laundry work for police stations, females,	2,531
Laundry, prison work, females,	7,821
Sewing, prison work, females,	6,017
Prison hall work, males,	8,763
Prison hall work, females,	5,666
In bakery and kitchen, males,	2,478
In kitchen, females,	4,776
Dining room and house, females,	2,293
Invalids and nurses, males,	14,490
Invalids and nurses, females,	2,516
In cells, unemployed, males,	36,020½
In cells, unemployed, females,	6,297
Sundays and holidays, males,	32,759
Sundays and holidays, females,	1,391
	253,060

STATEMENT OF TEAMING.

Hauling prisoners, four-horse team,	622
Hauling supplies from city, coal, ice, etc., teams,	399
carts,	1
Grading and improving grounds and making roadways, teams,	37
carts,	6
Brick yard, teams,	775
carts,	5
Cultivating grounds, teams,	200
carts,	28
Construction of new shop, teams,	22½
carts,	15
Yards and barn, teams,	42
Construction of sewer, teams,	9
carts,	6
	2,167½

STATEMENT OF CASH RECEIVED.

Cash received during the year ending December 31, 1884, and paid to the City Comptroller:

From Angus & Gindele,	manufacturing department,		$6,798.92
Andrew Dressell,	"	"	4,506.25
Messersmith & Gobel,	"	"	3,334.28
George Lehman & Co.,	"	"	2,986.50
Thomas Wells,	"	"	1,860.50
G. A. Johnson,	"	"	1,149.50
W. H. Thomas & Son,	"	"	1,000.00
Peter Yung,	"	"	858.50
Anton Holpuch,	"	"	367.50
George H. Fox,	"	"	200.00
N. A. Williams,	"	"	200.00
Charles Meyer,	"	"	260.00
Julius Miller,	"	"	180.00
Police Department,	"	"	112.00
E. Gnadt,	"	"	103.50
M. Quinlan,	"	"	65.00
August Thiele,	"	"	32.00
Dr. French Moore,	"	"	24.00
M. O'Donnell,	"	"	17.25
Charles Reissig,	"	"	14.00
Wm. M. Dee,	"	"	7.00
James Ray,	"	"	6.75
D. H. Small,	"	"	7.50
M. C. McDonnell,	"	"	6.50
W. P. Pierce,	"	"	6.00
Fred Cohen,	"	"	6.00
Fire Department,	"	"	3.00
Thomas Rankin,	"	"	2.00
Thomas Brace,	"	"	2.00
Amazon Hosiery Co.,	"	"	10,654.87
A. P. Johnson & Co.,	"	"	3,418.02
Police Department,	"	"	2,272.10
F. Herhold & Co.,	"	"	991.80
Phillips & Liebenstein,	"	"	771.64
Western Rattan Co.,	"	"	292.36
Joseph Lamb,	"	"	225.00
Joseph Schafer,	"	"	135.00
Western Toy Co.,	"	"	81.84
Raw Hide Manufacturing Co.,	"	"	5.00
Cook County,	provisions,		5,823.75
Town of Lake,	"		2,664.00
Village of Hyde Park,	"		791.85
Town of Lake View,	"		294.75

STATEMENT OF CASH RECEIVED — *Continued.*

From Town of Cicero,	provisions,		$ 207.00	
United States,	"		161.00	
Village of Evanston,	"		121.55	
Village of Lemont,	"		113.00	
Louis Kramer,	sundries,		33.13	
Standard Oil Co.,	"		14.45	
A. Liebermann,	"		11.60	
J. Ullman,	"		9.20	
C. Cook,	"		7.20	
M. Kaubrawsky,	"		5.00	
L. Wolff Manufacturing Co.,	"		3.80	
Fines collected in 1883 and not heretofore credited,			18.30	
Sundry persons on executions,			7,548.40	$60,792.06
Sundry persons on executions, town of Lake, and paid to town authorities,			21.00	21.00
			$60,813.06	$60,813.06

ACCOUNTS AUDITED.

Accounts chargeable as follows have been audited during the year, and credited to the City Comptroller's Department:

For Salaries,		$19,587.78	
Provisions,		15,132.72	
Groceries,	$3,068.84		
Meats,	6,720.83		
Flour and meal,	4,862.07		
Vegetables,	480.98		
Dispensary,		979.68	
Bedding and clothing,		2,795.31	
Furniture,		566.24	
Engineer's department,		4,529.61	
Omnibus, barn, and forage,		4,679.91	
Incidental expenses,		2,975.90	
Manufacturing department,		5,788.57	
Improvements and repairs		2,140.86	$59,176.58
Construction,—construction expense,			1,508.20
			$60,684.78

Manufacturing department —		
Credited this account during the year, . . .		$53,171.32
Department of Public Works,—laying water-pipe on Twenty-sixth street, ...		756.50
Brick used in construction of cistern to conduit from river, for bakery, and the construction of new shop, etc., ...		1,644.34
Amount to general expense, ...	$55,572.16	
	$55,572.16	$55,572.16
Boarding prisoners —		
Credited this account during the year, . . .		$ 8,476.45
Amount to general expense, ...	$ 8,476.45	
	$ 8,476.45	$ 8,476.45
Fine department —		
Credited this account during the year, . . .		$ 7,548.40
Amount to general expense, ...	$ 7,548.40	
	$ 7,548.40	$ 7,548.40
General expense —		
Inventory valuations, January 1, 1884, . . .	$19,207.00	
Charged this account during the year,		
For construction, ... $ 1,508.20		
For general expense, . . . 59,176.58		
	60,684.78	
Manufacturing department, ...	1,644.34	
Received for sundries sold, ...		$ 462.68
Inventory valuations, December 31, 1884, . .		25,762.33
Credited this account during the year,		
Manufacturing department, . $55,572.16		
Boarding prisoners, ... 8,476.45		
Fines collected, ... 7,548.40		
		71,597.01
Property account, ...		1,972.50
Real estate for amount of construction, . . .		1,508.20
Balance to property account, ...	19,766.60	
	$101,302.72	$101,302.72
Property account —		
January 1, 1884, ...		$519,790.61
Inventory valuations, January 1, 1884, . . .		19,207.00
Howard & Fox, ...		200.00

3,481 days at construction and improvements and repairs,	$1,740.50		
46 days teams on roadways and improving grounds, etc.,	184.00		
24 days carts, on roadways, etc.,	48.00	$ 1,972.50	
Inventory valuations, December 31, 1884,		25,762.33	
General expense,			$ 19,766.60
Balance to new account,		531,229.38	
		$558,964.21	$558,964.21
Real estate —			
January 1, 1884,		$431,901.29	
General expense for construction,		1,508.20	
Amount to new account,			$433,409.49
		$433,409.49	$433,409.49
Balances, December 31, 1884,			
Department of Public Works,		$ 5,392,97	
Cook County,		1,224.00	
United States,		201.20	
Town of Cicero,		14.75	
F. Herhold & Co.,		73.31	
Village of Lemont,		34.75	
City of Chicago, City Comptroller's Department,		76,362.72	
Town of Lake,		617.25	
Phillips & Liebenstein,		281.92	
Village of Hyde Park,		259.00	
Amazon Hosiery Co.,		12,332.75	
William Jordan,		109.32	
Town of Lake View,		7.50	
Henry Martin,		110.00	
Thomas Wells,		60.00	
William H. Thomas & Son,		787.50	
J. Grady,		10.00	
Real Estate,		433,409.49	
Village of Evanston,			$ 59 05
Property,			531,229.38
		$531,288.43	$531,288.43

Respectfully submitted,

CHAS. E. FELTON.

PHYSICIAN'S REPORT.

CHICAGO, January 1, 1885.

To the Honorable Board of Inspectors of the House of Correction:

GENTLEMEN: I herewith submit to your honorable board my report as Physician to the House of Correction for the year ending December 31, 1884.

The sick of the prison have at times been numerous, and have required more than usual care. The constitutions of large numbers of those who have been living dissipated and reckless lives, and who have spent most of their time in the prison since I have been connected with it, have given way; and during the year a number of this class have died.

The greater part of the sickness in the prison is caused by the drinking of poisonous liquors, that can be had at almost every saloon in the city. Frequently, men and women are away from the prison but a few days after being discharged when they are sent back with the worst forms of delirium tremens. This would not be, if there were some way of preventing the sale of such poison. I attempted to interfere with some of those who make and sell this liquor; but find that the city authorities can not help me. The state authorities should prosecute the sellers of poisonous liquors.

During the summer, we had some typhoid fever, and much diarrhœa. During the last three months of the year, there were a great many suffering from throat diseases. We have had the usual large number of venereal diseases.

The number of insane committed by the police courts to

this prison, and transferred to the county court for examination, and then committed to the insane asylum, was larger than in any previous year of my attendance at the prison. Very many of these cases were so apparently insane that they should have been sent by the justices directly to the county court.

The male hospital has been much improved during the year; but we are yet in need of more room, it being necessary at times to crowd a large number in the room.

We have had fourteen deaths. The names and causes of death I give, as follows:

Maurice Fritz; died January 4, 1884; epileptic convulsions.
Harry Seaton; died February 8, 1884; alcoholism.
James McMillan; died February 21, 1884; pulmonary tuberculosis.
Julia Semler; died May 16, 1884; delirium tremens.
John Smith; died June 8, 1884; delirium tremens.
Matt. Hynes; died June 18, 1884; alcoholism.
Patrick Kelly; died July 25, 1884; alcoholism.
Patrick Hayden; died June 27, 1884; alcoholism.
George Palmer; died July 11, 1884; valvular disease of the heart.
Mary Ann Scott; died September 19, 1884; valvular disease of the heart, and asthma.
Jacob Butler; died October 16, 1884; pulmonary tuberculosis.
William Higgins; died November 1, 1884; alcoholism.
M. J. Watson; died December 11, 1884; nervous prostration.
Annie Kennedy; died October 5, 1884; paralysis and epilepsy.

The sick are always kindly treated and well cared for by the officials of the prison.

Respectfully submitted,

FRENCH MOORE, M.D.,
City Physician.

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